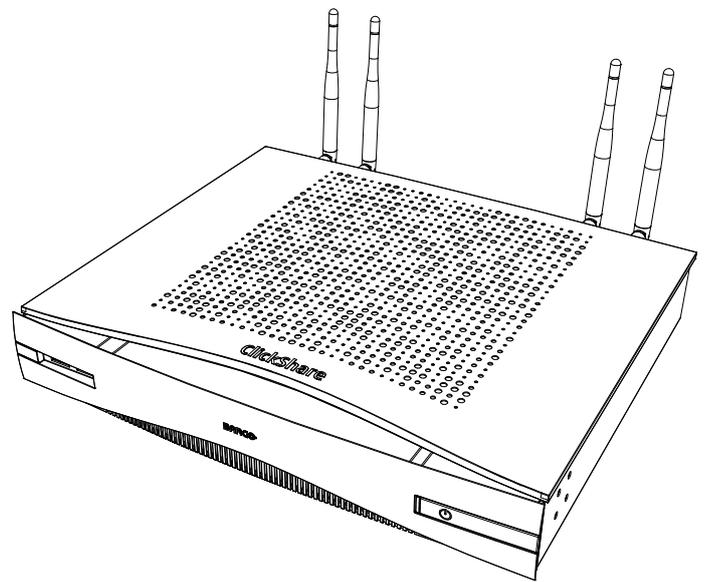


# ClickShare CSE-800



User guide

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# Barco ClickShare Product Specific End User License Agreement<sup>1</sup>

THIS PRODUCT SPECIFIC USER LICENSE AGREEMENT (EULA) TOGETHER WITH THE BARCO GENERAL EULA ATTACHED HERETO SET OUT THE TERMS OF USE OF THE SOFTWARE.

PLEASE READ THIS DOCUMENT CAREFULLY BEFORE OPENING OR DOWNLOADING AND USING THE SOFTWARE.

DO NOT ACCEPT THE LICENSE, AND DO NOT INSTALL, DOWNLOAD, ACCESS, OR OTHERWISE COPY OR USE ALL OR ANY PORTION OF THE SOFTWARE UNLESS YOU CAN AGREE WITH ITS TERMS AS SET OUT IN THIS LICENSE AGREEMENT.

## 1. Entitlement

Barco ClickShare (the “Software”) offered as a wireless presentation solution that includes the respective software components as further detailed in the applicable Documentation.

The Software can be used upon purchase from, and subject to payment of the relating purchase price to, a Barco authorized distributor or reseller of the ClickShare base unit and button or download of the authorized ClickShare applications (each a “Barco ClickShare Product”).

- **Term**

The Software can be used under the terms of this EULA from the date of first use of the Barco ClickShare Product, for as long as you operate such Barco ClickShare Product.

- **Deployment and Use**

The Software shall be used solely in association with a Barco ClickShare Product in accordance with the Documentation issued by Barco for such Product.

## 2. Support

The Software is subject to the warranty conditions outlined in the Barco warranty rider. Maintenance, including the provision of upgrades and updates to the Software, and helpdesk support are available at your option on the terms of Barco’s then current warranty rider.

Higher maintenance and support levels can be obtained at the moment of product sale or during the Barco ClickShare Product and/or Software warranty term.

Higher maintenance and support levels may be included in the initial transaction if ordered and paid for additionally. It is strongly suggested to maintain the maintenance and support agreement without interruption. Barco reserves the right not to restart maintenance following an interruption by the customer.

## 3. Terms of Use

The Software can be used as set out in the Barco EULA attached hereto.

The provisions of this Product Specific EULA override the Barco generic EULA in case of conflicts or inconsistencies.

In case of (inadvertent or other) non-compliance (e.g. where the actual use overshoots the use authorized hereunder), Barco shall have the option to suspend access to the Software until the non-compliance is remedied, failing of which Barco may terminate the License Agreement as set out herein.

## 4. Privacy

You are controller for personal data which are being processed via the Software. Therefore, you remain solely responsible for complying with all applicable data protection laws and for implementing and maintaining privacy protection and security measures (especially for components that you provide or control). Barco disclaims any liability in this regard.

Barco created a specific privacy policy for the ClickShare software application for mobile devices, which describes the processing of personal data via this application (<http://www.barco.com/en/about-barco/legal/privacy-policy/clickshare-app>).

## 5. Other Terms

- **Open Source components**

The Software contains software components released under an Open Source license.

A list of the third party components used is available in the Software’s README files, through the “My Barco” section of the Barco website or through other (online) means. The applicable license terms,

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1: In the event of any differences or inconsistencies between translations of the EULA and the English text of the EULA, the English text will prevail.

copyright notices and, as relevant, source code access conditions apply as set out in the Barco EULA attached hereto.

- **Retention of data**

Barco right to use and retain Functional Information (section 10.2 of the EULA) shall survive the term of this EULA.

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If you are unwilling to accept this License Agreement on these terms, or you do not have the right, power and authority to act on behalf of and bind such entity (or yourself as an individual if there is no such entity), DO NOT SELECT THE "I ACCEPT" BUTTON OR OTHERWISE CLICK ON ANY BUTTON OR OTHER MECHANISM DESIGNED TO ACKNOWLEDGE AGREEMENT, AND DO NOT INSTALL, DOWNLOAD, ACCESS, OR OTHERWISE COPY OR USE ALL OR ANY PORTION OF THE SOFTWARE.

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"Affiliate" means any corporation or other entity directly or indirectly, controlling, controlled by or under common control with such corporation or entity. For the purpose of the above, "control" shall mean (i) the ownership or control, directly or indirectly, of fifty percent (50%) or more of the equity capital or the shares or voting rights in the corporation or other entity in question or (ii) the control of the composition of the board of directors of the corporation or other entity in question.

"Barco" means Barco NV (company number 0473.191.041) with company address at Beneluxpark 21, 8500 Kortrijk, Belgium, or its designated Affiliate licensing to you the proprietary software which is the subject matter of this Agreement.

"Documentation" means all technical, reference and installation manuals, user guides, published performance specifications and other written documentation provided by Barco generally to its licensees with respect to the Software, along with any modifications and updates thereto;

"DRM" means Barco's digital rights management platform used to provide access to and access conditions of the Software.

"License Agreement" means this Barco End User License Agreement (EULA), incorporating the terms of the Product Specific EULA, and any modifications thereof as set out herein.

"Product Specific EULA" means the supplemental software terms applicable

"Software" means the computer software, released in object code only, which is being licensed hereunder, as described in the applicable purchase order and related Product Specific EULA.

"Term" means the period set out in article 9.1 hereof, as well as any agreed renewal period.

"you" means the entity on behalf of which these terms are accepted, and any of its representatives having access to the Software.

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**2.2 License Type.** The applicable license type, and your rights in time, deployment and usage, are further detailed in the Product Specific EULA (in the absence of which the scope shall be as set in article 2.1 hereof).

**2.3 License restrictions.**

**Intended Use.** You agree to use the Software solely as permitted by this License Agreement (and any Product Specific EULA made part of it), by any applicable laws and in a matter consistent with its design and Documentation.

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**3.3 Source Code Access.** To the extent required under third party (open source) license terms, and for a period of 36 months following your acceptance of this License Agreement, Barco shall provide access to the source code controlled by a third party (open source) license, via email or download link. If the relevant license terms require so, you may require Barco (attn. its legal department, at the address stated above) to obtain such code on tangible medium against payment of the cost of media, shipping and handling.

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**4.1 Principle.** Barco is under no obligation to provide support and maintenance in respect of the Software, except as included in a Product Specific EULA and/or to the extent you have entered into a separate maintenance and support agreement and paid applicable maintenance and support fees. Any unauthorized use of the Software, as specified in any maintenance and support agreement, may prohibit Barco from providing such support and maintenance.

**4.2 Support policy.** Maintenance releases updates or upgrades can be obtained under the terms of a separate maintenance and support agreement which is being offered to you. Such agreements, together with the support included in a Product Specific EULA, include Barco's sole liability and your sole remedy in respect of the support and maintenance of the Software. You agree to install any maintenance releases to address bugs or security issues in the Software if the same are being provided to you. Barco will keep you informed as of when earlier versions of the Software are no longer serviced.

**4.3 Remote connectivity.** Barco may require, as a material condition to provide maintenance or support, that the Software remains remotely connected with Barco over a network.

## **5. Warranty**

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**6.1 Reporting and Audit.** In addition to good practice record-keeping obligations, you agree to report the use of the Software and relating billing metrics in the DRM or otherwise as agreed. You grant to Barco and its designated auditors, at Barco's expenses, the right to verify your deployment and use of the Software during your normal business hours so as to verify your compliance with the License Agreement. In the event such audit reveals non-compliance with your payment obligations hereunder, you shall promptly pay to Barco the appropriate license fees plus the reasonable cost of conducting the audit.

6.2 *Fair Use Monitor*. You are informed and acknowledge that the Software includes technology which allows to remotely decrease (in part or in full) the functionality of the Software (the "Fair Use Monitor"). Such technology is an enabling tool and a material condition precedent for Barco to enter into this License Agreement.

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6.4 *Remedy*. If the breach is not cured within the applicable remedy period (or cannot be cured at all), Barco shall have the option (i) to cause you to procure such additional licenses required as per the actual usage; (ii) to reduce the Software's functionality, including through the use of the Fair Use Monitor; or (iii) to terminate the License Agreement as set out herein, without prejudice to any other remedies available at law, under contract or in equity.

6.5 *Indemnification*. YOU HEREBY AGREE TO INDEMNIFY, DEFEND AND HOLD HARMLESS BARCO AND BARCO'S AFFILIATES FROM AND AGAINST ANY AND ALL ACTIONS, PROCEEDINGS, LIABILITY, LOSS, DAMAGES, FEES AND COSTS (INCLUDING ATTORNEY FEES), AND OTHER EXPENSES INCURRED OR SUFFERED BY BARCO ARISING OUT OF OR IN CONNECTION WITH ANY BREACH BY YOU OF THE TERMS OF THIS SOFTWARE LICENSE.

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same to Barco or the appointed Barco reseller that sold or provided these to you. Barco may terminate this License Agreement, immediately or gradually in accordance with article 6 hereof, by informing you at any time if any user is in breach of any of the License Agreement's terms.

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## 10. Other relevant terms

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10.2 *Functional Information*. Via the Software, Barco may gather technical information about (i) the functioning and the functionality of the products which are connected through the Software, and/or (ii) as provided by you or generated by your use of the Software ("Functional Information"). Barco may make use of such Functional Information for purposes of analytics, for developing and improving products and services, offering products and services to your organization and/or allowing third parties to access such Functional Information; based on the legitimate interest of Barco of evaluating the market, assessing and improving its products and conducting research and development. All knowhow, inventions and works derived by Barco from the Functional Information will be exclusively owned by Barco.

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11.1 *Entire Agreement*. This License Agreement is the only understanding and agreement between you and Barco for use of the Software. This License Agreement supersedes all other communications, understandings or agreements we had prior to this License Agreement (with the exception of any continuing confidentiality agreement).

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11.5 *Survival*. The provisions of articles 3, 5, 6, 7, 8, 10 and 11 will survive the termination of this License Agreement, howsoever caused, but this will not imply or create any continued right to use the Software after termination of this License Agreement.

11.6 *Assignment*. You are not allowed to assign this Agreement in part or in full to any third party without Barco's consent. Barco shall be entitled to assign all or any of Barco's obligations hereunder to a third party and/or any of Barco's Affiliates.

11.7 *Law and Jurisdiction*. The construction, validity and performance of this License Agreement shall be governed in all respects by the laws of Belgium, without recourse to its conflict of law principles. All disputes arising in any way out of or affecting this License Agreement shall be subject to the exclusive jurisdiction of the courts of Kortrijk (Belgium), without prejudice to enforcement of any judgment or order thereof in any other jurisdiction. The United Nations Convention on Contracts for the International Sale of Goods (the "Convention") shall not apply to this License Agreement, however, if the Convention is deemed by a court of competent jurisdiction to apply to this License Agreement, Barco shall not be liable for any claimed non-conformance of the Software under Article 35(2) of the Convention.

**YOU HEREBY ACKNOWLEDGE TO HAVE READ, UNDERSTOOD AND ACCEPTED TO BE BOUND BY ALL THE TERMS AND CONDITIONS OF THIS LICENCE AGREEMENT AS INDICATED ABOVE**

## Barco ClickShare Product Specific Privacy policy

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Via the Software, Barco may gather technical information about (i) the functioning and the functionality of the products which are connected through the Software, and/or (ii) as provided by you or generated by your use of the Software ("Functional Information"). Barco may make use of such Functional Information for purposes of analytics, for developing and improving products and services, offering products and services to your organization and/or allowing third parties to access such Functional Information; based on the legitimate interest of Barco of evaluating the market, assessing and improving its products and conducting research and development. All knowhow, inventions and works derived by Barco from the Functional Information will be exclusively owned by Barco.

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In the development of the Software, the following Open Source Software components have been used:

PACKAGE	VERSION	SOURCE SITE
alsa-lib	1.1.3	<a href="ftp://ftp.alsa-project.org/pub/lib">ftp://ftp.alsa-project.org/pub/lib</a>
alsa-utils	1.1.3	<a href="ftp://ftp.alsa-project.org/pub/utils">ftp://ftp.alsa-project.org/pub/utils</a>
libsamplerate	0.1.9	<a href="http://www.mega-nerd.com/SRC">http://www.mega-nerd.com/SRC</a>
libsndfile	1.0.28	<a href="http://www.mega-nerd.com/libsndfile/files">http://www.mega-nerd.com/libsndfile/files</a>
ncurses	5.9	<a href="http://ftpmirror.gnu.org/ncurses">http://ftpmirror.gnu.org/ncurses</a>
avahi	0.7	<a href="https://github.com/lathiat/avahi/releases/download/v0.7">https://github.com/lathiat/avahi/releases/download/v0.7</a>
dbus	1.10.16	<a href="http://dbus.freedesktop.org/releases/dbus">http://dbus.freedesktop.org/releases/dbus</a>
expat	2.2.2	<a href="http://downloads.sourceforge.net/project/expat/expat/2.2.2">http://downloads.sourceforge.net/project/expat/expat/2.2.2</a>
libselenium	2.6	<a href="https://raw.githubusercontent.com/wiki/SELinuxProject/selinux/files/releases/20161014">https://raw.githubusercontent.com/wiki/SELinuxProject/selinux/files/releases/20161014</a>
libsepol	2.6	<a href="https://raw.githubusercontent.com/wiki/SELinuxProject/selinux/files/releases/20161014">https://raw.githubusercontent.com/wiki/SELinuxProject/selinux/files/releases/20161014</a>
pcre	8.41	<a href="https://ftp.pcre.org/pub/pcre">https://ftp.pcre.org/pub/pcre</a>
xlib_libSM	1.2.2	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>

<b>PACKAGE</b>	<b>VERSION</b>	<b>SOURCE SITE</b>
xlib_libICE	1.0.9	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_xtrans	1.3.5	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_xproto	7.0.31	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libX11	1.6.4	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
libxcb	1.12	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
libpthread-stubs	0.3	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
xcb-proto	1.12	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
xlib_libXau	1.0.8	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xutil_util-macros	1.19.1	<a href="http://xorg.freedesktop.org/releases/individual/util">http://xorg.freedesktop.org/releases/individual/util</a>
xlib_libXdmp	1.1.2	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_inputproto	2.3.2	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_kbproto	1.0.7	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_xextproto	7.3.0	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_xf86bigfontproto	1.2.0	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
libdaemon	0.14	<a href="http://0pointer.de/lennart/projects/libdaemon">http://0pointer.de/lennart/projects/libdaemon</a>
libglib2	2.50.2	<a href="http://ftp.gnome.org/pub/gnome/sources/glib/2.50">http://ftp.gnome.org/pub/gnome/sources/glib/2.50</a>
elfutils	0.169	<a href="https://sourceware.org/elfutils/ftp/0.169">https://sourceware.org/elfutils/ftp/0.169</a>
bzip2	1.0.6	<a href="http://www.bzip.org/1.0.6">http://www.bzip.org/1.0.6</a>
zlib	1.2.11	<a href="http://www.zlib.net">http://www.zlib.net</a>
libffi	3.2.1	<a href="ftp://sourceware.org/pub/libffi">ftp://sourceware.org/pub/libffi</a>
util-linux	2.29.2	<a href="https://cdn.kernel.org/pub/linux/utils/util-linux/v2.29">https://cdn.kernel.org/pub/linux/utils/util-linux/v2.29</a>
busybox	1.26.2	<a href="http://www.busybox.net/downloads">http://www.busybox.net/downloads</a>
linux-pam	1.3.0	<a href="http://linux-pam.org/library">http://linux-pam.org/library</a>
flex	2.5.37	<a href="http://download.sourceforge.net/project/flex">http://download.sourceforge.net/project/flex</a>
python3	3.5.2	<a href="http://python.org/ftp/python/3.5.2">http://python.org/ftp/python/3.5.2</a>
readline	7.0	<a href="http://ftpmirror.gnu.org/readline">http://ftpmirror.gnu.org/readline</a>
bellagio	0.9.3	<a href="http://downloads.sourceforge.net/project/omxil/omxil/Bellagio%200.9.3">http://downloads.sourceforge.net/project/omxil/omxil/Bellagio%200.9.3</a>
bitstream	1.1	<a href="https://get.videolan.org/bitstream/1.1">https://get.videolan.org/bitstream/1.1</a>
bluez5_utils	5.43	<a href="https://cdn.kernel.org/pub/linux/bluetooth">https://cdn.kernel.org/pub/linux/bluetooth</a>
libical	1.0.1	<a href="https://github.com/libical/libical/releases/download/v1.0.1">https://github.com/libical/libical/releases/download/v1.0.1</a>
eudev	3.2.1	<a href="http://dev.gentoo.org/~blueness/eudev">http://dev.gentoo.org/~blueness/eudev</a>
kmod	23	<a href="https://cdn.kernel.org/pub/linux/utils/kernel/kmod">https://cdn.kernel.org/pub/linux/utils/kernel/kmod</a>
bridge-utils	1.6	<a href="https://cdn.kernel.org/pub/linux/utils/net/bridge-utils">https://cdn.kernel.org/pub/linux/utils/net/bridge-utils</a>

<b>PACKAGE</b>	<b>VERSION</b>	<b>SOURCE SITE</b>
ca-certificates	20161130	<a href="http://snapshot.debian.org/archive/debian/20161205T153846Z/pool/main/c/ca-certificates">http://snapshot.debian.org/archive/debian/20161205T153846Z/pool/main/c/ca-certificates</a>
collectd	5.7.1	<a href="http://collectd.org/files">http://collectd.org/files</a>
libgcrypt	1.7.9	<a href="https://gnupg.org/ftp/gcrypt/libgcrypt">https://gnupg.org/ftp/gcrypt/libgcrypt</a>
libpgp-error	1.26	<a href="ftp://ftp.gnupg.org/gcrypt/libpgp-error">ftp://ftp.gnupg.org/gcrypt/libpgp-error</a>
lm-sensors	3.4.0	<a href="http://snapshot.debian.org/archive/debian/20170208T211941Z/pool/main/l/lm-sensors">http://snapshot.debian.org/archive/debian/20170208T211941Z/pool/main/l/lm-sensors</a>
crda	3.18	<a href="https://cdn.kernel.org/pub/software/network/crda">https://cdn.kernel.org/pub/software/network/crda</a>
libnl	3.2.27	<a href="https://github.com/thom311/libnl/releases/download/libnl3_2_27">https://github.com/thom311/libnl/releases/download/libnl3_2_27</a>
cryptodev-linux	1.8	<a href="https://github.com/cryptodev-linux/cryptodev-linux/archive/2b29be8ac41414ed19cb4f5d5626d9bd0d7b11a8">https://github.com/cryptodev-linux/cryptodev-linux/archive/2b29be8ac41414ed19cb4f5d5626d9bd0d7b11a8</a>
linux	4.4.11	<a href="https://mirrors.edge.kernel.org/pub/linux/kernel/v4.x/">https://mirrors.edge.kernel.org/pub/linux/kernel/v4.x/</a>
cryptsetup	1.7.3	<a href="https://cdn.kernel.org/pub/linux/utils/cryptsetup/v1.7">https://cdn.kernel.org/pub/linux/utils/cryptsetup/v1.7</a>
lvm2	2.02.168	<a href="ftp://sources.redhat.com/pub/lvm2/releases">ftp://sources.redhat.com/pub/lvm2/releases</a>
popt	1.16	<a href="http://rpm5.org/files/popt">http://rpm5.org/files/popt</a>
dhcp	4.3.5	<a href="http://ftp.isc.org/isc/dhcp/4.3.5">http://ftp.isc.org/isc/dhcp/4.3.5</a>
dmidecode	3.0	<a href="http://download.savannah.gnu.org/releases/dmidecode">http://download.savannah.gnu.org/releases/dmidecode</a>
dnsmasq	2.78	<a href="http://thekelleys.org.uk/dnsmasq">http://thekelleys.org.uk/dnsmasq</a>
dosfstools	4.0	<a href="https://github.com/dosfstools/dosfstools/releases/download/v4.0">https://github.com/dosfstools/dosfstools/releases/download/v4.0</a>
dropbear	2017.75	<a href="http://matt.ucc.asn.au/dropbear/releases">http://matt.ucc.asn.au/dropbear/releases</a>
dvblast	3.0	<a href="https://get.videolan.org/dvblast/3.0">https://get.videolan.org/dvblast/3.0</a>
libev	4.22	<a href="http://dist.schmorp.de/libev/Attic">http://dist.schmorp.de/libev/Attic</a>
e2fsprogs	1.43.3	<a href="https://cdn.kernel.org/pub/linux/kernel/people/tytso/e2fsprogs/v1.43.3">https://cdn.kernel.org/pub/linux/kernel/people/tytso/e2fsprogs/v1.43.3</a>
faad2	2.8.1	<a href="http://downloads.sourceforge.net/project/faac/faad2-src/faad2-2.8.0">http://downloads.sourceforge.net/project/faac/faad2-src/faad2-2.8.0</a>
fbv	1.0b	<a href="http://s-tech.elsat.net.pl/fbv">http://s-tech.elsat.net.pl/fbv</a>
giflib	5.1.4	<a href="http://downloads.sourceforge.net/project/giflib">http://downloads.sourceforge.net/project/giflib</a>
jpeg-turbo	1.5.1	<a href="http://downloads.sourceforge.net/project/libjpeg-turbo/1.5.1">http://downloads.sourceforge.net/project/libjpeg-turbo/1.5.1</a>
libpng	1.6.28	<a href="http://downloads.sourceforge.net/project/libpng/libpng16/1.6.28">http://downloads.sourceforge.net/project/libpng/libpng16/1.6.28</a>
ffmpeg	2.8.6	<a href="http://ffmpeg.org/releases">http://ffmpeg.org/releases</a>
fontconfig	2.12.1	<a href="http://fontconfig.org/release">http://fontconfig.org/release</a>
freetype	2.7.1	<a href="http://download.savannah.gnu.org/releases/freetype">http://download.savannah.gnu.org/releases/freetype</a>
libva	1.8.3	<a href="https://github.com/01org/libva/releases/download/1.8.3">https://github.com/01org/libva/releases/download/1.8.3</a>
libdrm	2.4.82	<a href="http://dri.freedesktop.org/libdrm">http://dri.freedesktop.org/libdrm</a>
mesa3d	11.2.2	<a href="ftp://ftp.freedesktop.org/pub/mesa/11.2.2">ftp://ftp.freedesktop.org/pub/mesa/11.2.2</a>
libva-dummy	1.8.3	<a href="https://github.com/01org/libva/releases/download/1.8.3">https://github.com/01org/libva/releases/download/1.8.3</a>

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xlib_libXext	1.3.3	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_libXfixes	5.0.3	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_fixesproto	5.0	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
libvdpau	1.1.1	<a href="http://people.freedesktop.org/~aplattner/vdpau">http://people.freedesktop.org/~aplattner/vdpau</a>
xproto_dri2proto	2.8	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
openssl	1.0.2m	<a href="http://www.openssl.org/source">http://www.openssl.org/source</a>
xlib_libXdamage	1.1.4	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_damageproto	1.2.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libxshmfence	1.2	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_dri3proto	1.0	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_glxproto	1.4.17	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_presentproto	1.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_xf86driproto	2.1.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
libvorbis	1.3.5	<a href="http://downloads.xiph.org/releases/vorbis">http://downloads.xiph.org/releases/vorbis</a>
libogg	1.3.2	<a href="http://downloads.xiph.org/releases/ogg">http://downloads.xiph.org/releases/ogg</a>
opus	1.1.4	<a href="http://downloads.xiph.org/releases/opus">http://downloads.xiph.org/releases/opus</a>
speex	1.2rc1	<a href="http://downloads.us.xiph.org/releases/speex">http://downloads.us.xiph.org/releases/speex</a>
file	5.32	<a href="ftp://ftp.astron.com/pub/file">ftp://ftp.astron.com/pub/file</a>
flashrom	0.9.8	<a href="http://download.flashrom.org/releases">http://download.flashrom.org/releases</a>
libftdi	0.20	<a href="http://www.intra2net.com/en/developer/libftdi/download">http://www.intra2net.com/en/developer/libftdi/download</a>
libusb	1.0.20	<a href="https://github.com/libusb/libusb/releases/download/v1.0.20">https://github.com/libusb/libusb/releases/download/v1.0.20</a>
libusb-compat	0.1.5	<a href="http://downloads.sourceforge.net/project/libusb/libusb-compat-0.1/libusb-compat-0.1.5">http://downloads.sourceforge.net/project/libusb/libusb-compat-0.1/libusb-compat-0.1.5</a>
pciutils	3.5.2	<a href="https://cdn.kernel.org/pub/software/utils/pciutils">https://cdn.kernel.org/pub/software/utils/pciutils</a>
gdb	7.11.1	<a href="http://ftpmirror.gnu.org/gdb">http://ftpmirror.gnu.org/gdb</a>
gnu-efi	3.0.1	<a href="http://downloads.sourceforge.net/project/gnu-efi">http://downloads.sourceforge.net/project/gnu-efi</a>
gnupg2	2.0.30	<a href="ftp://ftp.gnupg.org/gcrypt/gnupg">ftp://ftp.gnupg.org/gcrypt/gnupg</a>
libassuan	2.4.3	<a href="ftp://ftp.gnupg.org/gcrypt/libassuan">ftp://ftp.gnupg.org/gcrypt/libassuan</a>
libksba	1.3.5	<a href="ftp://ftp.gnupg.org/gcrypt/libksba">ftp://ftp.gnupg.org/gcrypt/libksba</a>
libpthsem	2.0.8	<a href="http://www.auto.tuwien.ac.at/~mkoegler/pth">http://www.auto.tuwien.ac.at/~mkoegler/pth</a>
gst1-libav	1.12.5	<a href="http://gstreamer.freedesktop.org/src/gst-libav">http://gstreamer.freedesktop.org/src/gst-libav</a>
gst1-plugins-base	1.12.5	<a href="https://gstreamer.freedesktop.org/src/gst-plugins-base">https://gstreamer.freedesktop.org/src/gst-plugins-base</a>
gstreamer1	1.12.5	<a href="https://gstreamer.freedesktop.org/src/gstreamer">https://gstreamer.freedesktop.org/src/gstreamer</a>
xlib_libXv	1.0.11	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>

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xproto_videoproto	2.3.3	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
gst1-plugins-bad	1.12.5	<a href="https://gstreamer.freedesktop.org/src/gst-plugins-bad">https://gstreamer.freedesktop.org/src/gst-plugins-bad</a>
libglu	9.0.0	<a href="http://cgit.freedesktop.org/mesa/glu/snapshot">http://cgit.freedesktop.org/mesa/glu/snapshot</a>
xlib_libXrender	0.9.10	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_renderproto	0.11.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
gst1-plugins-good	1.12.5	<a href="https://gstreamer.freedesktop.org/src/gst-plugins-good">https://gstreamer.freedesktop.org/src/gst-plugins-good</a>
libv4l	1.12.2	<a href="http://linuxtv.org/downloads/v4l-utils">http://linuxtv.org/downloads/v4l-utils</a>
pulseaudio	9.0	<a href="http://freedesktop.org/software/pulseaudio/releases">http://freedesktop.org/software/pulseaudio/releases</a>
json-c	json-c-0.12-20140410	<a href="https://github.com/json-c/json-c/archive/json-c-0.12-20140410">https://github.com/json-c/json-c/archive/json-c-0.12-20140410</a>
libtool	2.4.6	<a href="http://ftpmirror.gnu.org/libtool">http://ftpmirror.gnu.org/libtool</a>
gst1-vaapi	1.12.5	<a href="https://gstreamer.freedesktop.org/src/gstreamer-vaapi">https://gstreamer.freedesktop.org/src/gstreamer-vaapi</a>
hostapd	2.6	<a href="http://w1.fi/releases">http://w1.fi/releases</a>
htop	2.0.2	<a href="http://hisham.hm/htop/releases/2.0.2">http://hisham.hm/htop/releases/2.0.2</a>
iperf	2.0.9	<a href="http://downloads.sourceforge.net/project/iperf2">http://downloads.sourceforge.net/project/iperf2</a>
iptables	1.6.1	<a href="http://ftp.netfilter.org/pub/iptables">http://ftp.netfilter.org/pub/iptables</a>
iw	4.9	<a href="https://cdn.kernel.org/pub/software/network/iw">https://cdn.kernel.org/pub/software/network/iw</a>
libarchive	3.3.2	<a href="http://www.libarchive.org/downloads">http://www.libarchive.org/downloads</a>
libxml2	2.9.5	<a href="ftp://xmlsoft.org/libxml2">ftp://xmlsoft.org/libxml2</a>
libbsd	0.8.3	<a href="http://libbsd.freedesktop.org/releases">http://libbsd.freedesktop.org/releases</a>
libconfig	1.5	<a href="http://www.hyperrealm.com/libconfig">http://www.hyperrealm.com/libconfig</a>
libcurl	7.56.1	<a href="https://curl.haxx.se/download">https://curl.haxx.se/download</a>
libdri2	1.0.0	<a href="https://github.com/robclark/libdri2/archive/4f1eef3183df2b270c3d5cbef07343ee5127a6a4">https://github.com/robclark/libdri2/archive/4f1eef3183df2b270c3d5cbef07343ee5127a6a4</a>
libedit	20150325-3.1	<a href="http://www.thrysoee.dk/editline">http://www.thrysoee.dk/editline</a>
libepoxy	v1.3.1	<a href="https://github.com/anholt/libepoxy/archive/v1.3.1">https://github.com/anholt/libepoxy/archive/v1.3.1</a>
libestr	0.1.10	<a href="http://libestr.adiscon.com/files/download">http://libestr.adiscon.com/files/download</a>
libevdev	1.5.6	<a href="http://www.freedesktop.org/software/libevdev">http://www.freedesktop.org/software/libevdev</a>
libevent	2.1.8-stable	<a href="https://github.com/libevent/libevent/releases/download/release-2.1.8-stable">https://github.com/libevent/libevent/releases/download/release-2.1.8-stable</a>
libfastjson	v0.99.4	<a href="https://github.com/rsyslog/libfastjson/archive/v0.99.4">https://github.com/rsyslog/libfastjson/archive/v0.99.4</a>
liblogging	1.0.5	<a href="http://download.rsyslog.com/liblogging">http://download.rsyslog.com/liblogging</a>
libpciaccess	0.13.4	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
libqrencode	3.4.2	<a href="http://fukuchi.org/works/qrencode">http://fukuchi.org/works/qrencode</a>
libsha1	0.3	<a href="https://github.com/dottedmag/libsha1/archive/0.3">https://github.com/dottedmag/libsha1/archive/0.3</a>

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libxkbcommon	0.7.1	<a href="http://xkbcommon.org/download">http://xkbcommon.org/download</a>
libyaml	0.1.6	<a href="http://pyyaml.org/download/libyaml">http://pyyaml.org/download/libyaml</a>
lighttpd	1.4.45	<a href="http://download.lighttpd.net/lighttpd/releases-1.4.x">http://download.lighttpd.net/lighttpd/releases-1.4.x</a>
linux-firmware	unknown	<a href="http://git.kernel.org/pub/scm/linux/kernel/git/firmware/linux-firmware.git">http://git.kernel.org/pub/scm/linux/kernel/git/firmware/linux-firmware.git</a>
logrotate	3.11.0	<a href="https://github.com/logrotate/logrotate/archive/3.11.0">https://github.com/logrotate/logrotate/archive/3.11.0</a>
memtester	4.3.0	<a href="http://pyropus.ca/software/memtester/old-versions">http://pyropus.ca/software/memtester/old-versions</a>
monit	5.20.0	<a href="http://mmonit.com/monit/dist">http://mmonit.com/monit/dist</a>
mtdev	1.1.4	<a href="http://bitmath.org/code/mtdev">http://bitmath.org/code/mtdev</a>
netcat	0.7.1	<a href="http://downloads.sourceforge.net/project/netcat/netcat/0.7.1">http://downloads.sourceforge.net/project/netcat/netcat/0.7.1</a>
netsnmp	5.7.3	<a href="http://downloads.sourceforge.net/project/net-snmp/net-snmp/5.7.3">http://downloads.sourceforge.net/project/net-snmp/net-snmp/5.7.3</a>
nodejs	6.11.5	<a href="http://nodejs.org/dist/v6.11.5">http://nodejs.org/dist/v6.11.5</a>
ntp	4.2.8p10	<a href="https://www.eecis.udel.edu/~ntp/ntp_spool/ntp4/ntp-4.2">https://www.eecis.udel.edu/~ntp/ntp_spool/ntp4/ntp-4.2</a>
opkg	v0.3.1	<a href="http://git.yoctoproject.org/git/opkg">http://git.yoctoproject.org/git/opkg</a>
opus-tools	0.1.9	<a href="http://downloads.xiph.org/releases/opus">http://downloads.xiph.org/releases/opus</a>
php	7.1.7	<a href="http://www.php.net/distributions">http://www.php.net/distributions</a>
sqlite	3160200	<a href="http://www.sqlite.org/2017">http://www.sqlite.org/2017</a>
pixman	0.34.0	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
protobuf	v2.6.1	<a href="https://github.com/google/protobuf/archive/v2.6.1">https://github.com/google/protobuf/archive/v2.6.1</a>
python-pyyaml	3.12	<a href="https://pypi.python.org/packages/4a/85/db5a2df477072b2902b0eb892feb37d88ac635d36245a72a6a69b23-b383a">https://pypi.python.org/packages/4a/85/db5a2df477072b2902b0eb892feb37d88ac635d36245a72a6a69b23-b383a</a>
python-serial	3.1	<a href="https://pypi.python.org/packages/ce/9c/694ce79a9d4a164e109aeba1a40fba23336f3-b7554978553e22a5d41d54d">https://pypi.python.org/packages/ce/9c/694ce79a9d4a164e109aeba1a40fba23336f3-b7554978553e22a5d41d54d</a>
qt5base	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
xcb-util-image	0.4.0	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
xcb-util	0.3.9	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
xcb-util-keysyms	0.4.0	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
xcb-util-wm	0.4.1	<a href="http://xcb.freedesktop.org/dist">http://xcb.freedesktop.org/dist</a>
qt5declarative	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5xmlpatterns	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5imageformats	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5multimedia	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5quickcontrols	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5serialport	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>

<b>PACKAGE</b>	<b>VERSION</b>	<b>SOURCE SITE</b>
qt5svg	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5websockets	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
qt5x11extras	5.6.3	<a href="http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules">http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules</a>
rsync	3.1.2	<a href="http://rsync.samba.org/ftp/rsync/src">http://rsync.samba.org/ftp/rsync/src</a>
rsyslog	8.22.0	<a href="http://rsyslog.com/files/download/rsyslog">http://rsyslog.com/files/download/rsyslog</a>
strace	4.15	<a href="http://downloads.sourceforge.net/project/strace/strace/4.15">http://downloads.sourceforge.net/project/strace/strace/4.15</a>
tpm-tools	1.3.8	<a href="http://downloads.sourceforge.net/project/trousers/tpm-tools/1.3.8">http://downloads.sourceforge.net/project/trousers/tpm-tools/1.3.8</a>
trousers	0.3.13	<a href="http://downloads.sourceforge.net/project/trousers/trousers/0.3.13">http://downloads.sourceforge.net/project/trousers/trousers/0.3.13</a>
tzdata	2016j	<a href="http://www.iana.org/time-zones/repository/releases">http://www.iana.org/time-zones/repository/releases</a>
unzip	60	<a href="ftp://ftp.info-zip.org/pub/infozip/src">ftp://ftp.info-zip.org/pub/infozip/src</a>
wireless-regdb	2011.04.28	<a href="http://kernel.org/pub/software/network/wireless-regdb">http://kernel.org/pub/software/network/wireless-regdb</a>
wireless_tools	30.pre9	<a href="http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux">http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux</a>
wpa_supplicant	2.6	<a href="http://w1.fi/releases">http://w1.fi/releases</a>
xapp_beforelight	1.0.5	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xlib_libXScrnSaver	1.2.2	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_scnrsaverproto	1.2.2	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libXaw	1.0.13	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_libXmu	1.1.2	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_libXt	1.1.5	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_libXpm	3.5.12	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xapp_xauth	1.0.10	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xapp_xclock	1.0.7	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xlib_libXft	2.3.2	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_libxkbfile	1.0.9	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xapp_xinit	1.3.4	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xapp_xinput-calibrator	0.7.5	<a href="http://github.com/downloads/tias/xinput_calibrator">http://github.com/downloads/tias/xinput_calibrator</a>
xlib_libXi	1.7.9	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xapp_xinput	1.6.2	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xlib_libXinerama	1.1.3	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_xineramaproto	1.2.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libXrandr	1.5.1	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_randrproto	1.5.0	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>

<b>PACKAGE</b>	<b>VERSION</b>	<b>SOURCE SITE</b>
xapp_xkbcomp	1.3.1	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xapp_xrandr	1.5.0	<a href="http://xorg.freedesktop.org/releases/individual/app">http://xorg.freedesktop.org/releases/individual/app</a>
xdata_xbitmaps	1.1.1	<a href="http://xorg.freedesktop.org/releases/individual/data">http://xorg.freedesktop.org/releases/individual/data</a>
xdriver_xf86-input-evdev	2.10.5	<a href="http://xorg.freedesktop.org/releases/individual/driver">http://xorg.freedesktop.org/releases/individual/driver</a>
xserver_xorg-server	1.19.5	<a href="https://xorg.freedesktop.org/archive/individual/xserver">https://xorg.freedesktop.org/archive/individual/xserver</a>
xfont_font-util	1.3.1	<a href="http://xorg.freedesktop.org/releases/individual/font">http://xorg.freedesktop.org/releases/individual/font</a>
xkeyboard-config	2.20	<a href="http://www.x.org/releases/individual/data/xkeyboard-config">http://www.x.org/releases/individual/data/xkeyboard-config</a>
xlib_libXcomposite	0.4.4	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_compositeproto	0.4.2	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libXcursor	1.1.14	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xlib_libXfont2	2.0.1	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xfont_encodings	1.0.4	<a href="http://xorg.freedesktop.org/releases/individual/font">http://xorg.freedesktop.org/releases/individual/font</a>
xlib_libfontenc	1.1.3	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_fontsproto	2.1.3	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libXres	1.0.7	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_resourceproto	1.2.0	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xlib_libXxf86vm	1.1.4	<a href="http://xorg.freedesktop.org/releases/individual/lib">http://xorg.freedesktop.org/releases/individual/lib</a>
xproto_xf86vidmodeproto	2.3.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_bigreqsproto	1.1.2	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_xcmiscproto	1.2.2	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xproto_xf86dgaproto	2.1	<a href="http://xorg.freedesktop.org/releases/individual/proto">http://xorg.freedesktop.org/releases/individual/proto</a>
xdriver_xf86-video-amdgpu	1.4.0	<a href="http://xorg.freedesktop.org/releases/individual/driver">http://xorg.freedesktop.org/releases/individual/driver</a>
xfont_font-alias	1.0.3	<a href="http://xorg.freedesktop.org/releases/individual/font">http://xorg.freedesktop.org/releases/individual/font</a>
xfont_font-cursor-misc	1.0.3	<a href="http://xorg.freedesktop.org/releases/individual/font">http://xorg.freedesktop.org/releases/individual/font</a>
xfont_font-misc-misc	1.1.2	<a href="http://xorg.freedesktop.org/releases/individual/font">http://xorg.freedesktop.org/releases/individual/font</a>
xterm	327	<a href="http://invisible-mirror.net/archives/xterm">http://invisible-mirror.net/archives/xterm</a>
zbar	0.10	<a href="https://github.com/ZBar/Zbar/archive/854a5d97059e395807091ac4d80c53f7968abb8f">https://github.com/ZBar/Zbar/archive/854a5d97059e395807091ac4d80c53f7968abb8f</a>
zip	30	<a href="ftp://ftp.info-zip.org/pub/infozip/src">ftp://ftp.info-zip.org/pub/infozip/src</a>
alsa-plugins	1.1.1	<a href="ftp://ftp.alsa-project.org/pub/plugins">ftp://ftp.alsa-project.org/pub/plugins</a>
microstack	0.0.69	<a href="http://www.meshcommander.com/upnptools">www.meshcommander.com/upnptools</a>

PACKAGE	VERSION	SOURCE SITE
libresample	0.1.3	ftp://ftp.ubuntu.com/ubuntu/pool/universe/libr/libresample
sazanami-fonts	20040629	http://sourceforge.jp/projects/efont/downloads/10087
unfonts	1.0	http://kldp.net/frs/download.php/1425
dejavu-fonts	2.34	http://downloads.sourceforge.net/project/dejavu/dejavu/2.34
arphic-uming-fonts	20080216	http://archive.ubuntu.com/ubuntu/pool/main/t/ttf-arphic-uming
ibmswtpm	4720	https://sourceforge.net/projects/ibmswtpm/files/
grub	2.02-beta2	https://github.com/coreos/grub/releases
rockbox	v3.10	https://github.com/Rockbox/rockbox/tree/v3.10
libcap	2.25	https://www.kernel.org/pub/linux/libs/security/linux-privs/libcap2
mtd	1.5.2	ftp://ftp.infradead.org/pub/mtd-utils
procps-ng	3.3.12	http://downloads.sourceforge.net/project/procps-ng/Production
strace	4.15	http://downloads.sourceforge.net/project/strace/strace/4.15
hidapi	0.5.2	https://github.com/signal11/hidapi
splashutils	1.5.4.4	http://dev.gentoo.org/~spock/projects/gensplash/archive
efitools	v1.7.0	git://git.kernel.org/pub/scm/linux/kernel/git/jejb/efitools.git
libresample	0.1.3	ftp://ftp.ubuntu.com/ubuntu/pool/universe/libr/libresample
linux	3.1.0	https://mirrors.edge.kernel.org/pub/linux/kernel/v3.x/

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## Product Security Incident Response

As a global technology leader, Barco is committed to deliver secure solutions and services to our customers, while protecting Barco's intellectual property. When product security concerns are received, the product security incident response process will be triggered immediately. To address specific security concerns or to report security issues with Barco products, please inform us via contact details mentioned on <https://www.barco.com/psirt>. To protect our customers, Barco does not publically disclose or confirm security vulnerabilities until Barco has conducted an analysis of the product and issued fixes and/or mitigations.

## Patent protection

Please refer to [www.barco.com/about-barco/legal/patents](http://www.barco.com/about-barco/legal/patents)

## EN55032-CISPR32 Class B ITE (Information Technology Equipment)

This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

If this equipment does cause interference to radio or television reception, the user may try to correct the interference by one or more of the following measures :

- Re-orientation of the receiving antenna for the radio or television.
- Relocate the equipment with respect to the receiver.
- Plug the equipment into a different outlet so that the equipment and receiver are on different branch circuits.
- Fasten cables connectors to the equipment by mounting screws.

## Federal Communication Commission Interference Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You may also find helpful the following booklet, prepared by the FCC: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402.

Changes and Modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commissions rules.

In order to maintain compliance with FCC regulations shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio & television reception.

**FCC RF Radiation Exposure Statement:** This device is capable of operating in 802.11a mode. For 802.11a devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11a mode (5.15 - 5.25 GHz band) are optimized for indoor use only. If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Satellite Services.

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.  
This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Base Unit FCC ID: 2AAED-R9861580

Button FCC ID (model R9861500D01): 2AAED-R9861500D01

Button FCC ID (model R9861500D01C): 2AAED-R9861500D01

ClickShare Button 2AAED-R9861500D01 has been tested and meets the FCC RF exposure guidelines. The maximum SAR value reported is 0.915W/kg.

## Canada, Industry Canada (IC) Notices

This device complies with Industry Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### Radio Frequency (RF) Exposure Information

The radiated output power of the Barco Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Barco Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

#### Caution: Exposure to Radio Frequency Radiation.

1. To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
2. To comply with RSS 102 RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

Base Unit IC: IC: 21559-R9861580

Button IC (model R9861500D01): 9393B-R9861500D01

Button IC (model R9861500D01C): 9393B-R9861500D01

### IC Antenna statement

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter 21559-R9861580 has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Type: Dipole

Maximum Peak Gain: 2 dBi

Impedance: 50

### Indoor use only warning

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

## Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil Barco est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil Barco de façon à minimiser les contacts humains lors du fonctionnement normal.

#### Avertissement: L'exposition aux rayonnements fréquences radio

1. Pour se conformer aux exigences de conformité RF canadienne l'exposition, cet appareil et son antenne ne doivent pas être co-localisés ou fonctionnant en conjonction avec une autre antenne ou transmetteur.
2. Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

IC Unité de Base: 21559-R9861580

IC Button (modèle R9861500D01): 9393B-R9861500D01

IC Button (model R9861500D01C): 9393B-R9861500D01

## Déclaration d'antenne d'Industrie Canada (IC)

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent émetteur radio 21559-R9861580 a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Type: Dipole

Gain maximum: 2 dBi

Impédance: 50

## Utilisation à l'intérieur seulement

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

## KCC Statement

기본 장치 기기명칭: 특정소출력무선기기(무선데이터통신시스템용 무선기기)  
인증자상호: Barco N.V.

모델명: R9861580

인증번호 속주: R-R-BVY-R9861580

제조연월: 2017.

인증번호 기준 치수: KCC-CRM-ATH-AR5B22

제조사/제조국: Barco NV/중국

본 기기와 20 cm 이상 떨어져서 사용하기 바랍니다

해당 무선설비는 운용 중 전파혼신 가능성이 있음

이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

버튼 기기명칭: 특정소출력무선기기(무선데이터통신시스템용)

인증자상호: Barco N.V.

모델명: R9861500D01

인증번호: M S I P-CMM-BVY-R9861500D01

제조연월: 2016.

제조사/제조국: Barco NV/중국

해당 무선설비는 운용 중 전파혼신 가능성이 있음

이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다

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# Introduction

# 1

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## 1.1 Versions of the product

### Regional versions

Depending on the location where you buy the CSE-800 product, the Base Unit and accessories are regionalized. By the time of release of this manual, 3 regional versions of CSE-800 are available:

- Europe & Japan
- North America
- China



The regional version of your CSE-800 cannot be changed. That means that you cannot use it in another region.

For more information on the regional variants, refer to the CSE-800 Installation Guide.

## 1.2 About this guide

### This manual

Partnumber	Description	Level
R5900050	User Guide	User

### Available System documentation

This guide is part of the documentation set describing the CSE-800 product.

Guide	Article number
User Guide	R5900050
Installation Guide	R5900049
Safety Guide	R5900047
Service Guide	R5900051
Button Guide	R5900007
Recycling Manual	R5900048
API Guide	R5900018

A printed copy of the Safety Guide is included in the CSE-800 box at purchase.



Always check for the latest version of the manual on [www.barco.com/clickshare](http://www.barco.com/clickshare)



Depending on the CSE-800 version, some graphics might be different to the ones used in this manual. This however does not have any effect to the functionality.

The User Guide describes how to use your CSE-800. It also contains a basic troubleshooting part where you can search for a solution when a problem occurs.

## 1.3 Symbols and fonts

### Symbol overview

The following icons are used in the manual :

	Caution
	Warning

	Info, term definition. General info about the term
	Note: gives extra information about the described subject
	Tip: gives extra advice about the described subject

### Font overview

- Buttons are indicated in bold, e.g. **OK**.
- Menu items are indicated in *italic*.
- Step related notes, tips, warnings or cautions are printed in *italic*.
- Procedure related notes, tips, warnings or cautions are printed in **bold** between 2 lines preceded by the corresponding icon.



# Introduction to CSE-800

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## 2.1 About the CSE-800

### CSE-800 sets

CSE-800 makes connecting to the meeting room's video system a matter of clicking a Button. This CSE-800 not only helps the presenter get the presentation on-screen in a second, but it also allows the other people in the meeting to participate more actively. The result is enhanced meeting efficiency and better decision-making.

At the moment 3 different sets are available on the market. Each set is sold in its specific region and it can only be used in that specific region because of WiFi regulations.

### Components CSE-800 set

A standard CSE-800 set consists of a Base Unit, 4 Buttons and a Tray. Depending on the location where you buy the product, the software of the Base Unit is different. If needed, you can buy additional Buttons and Trays.

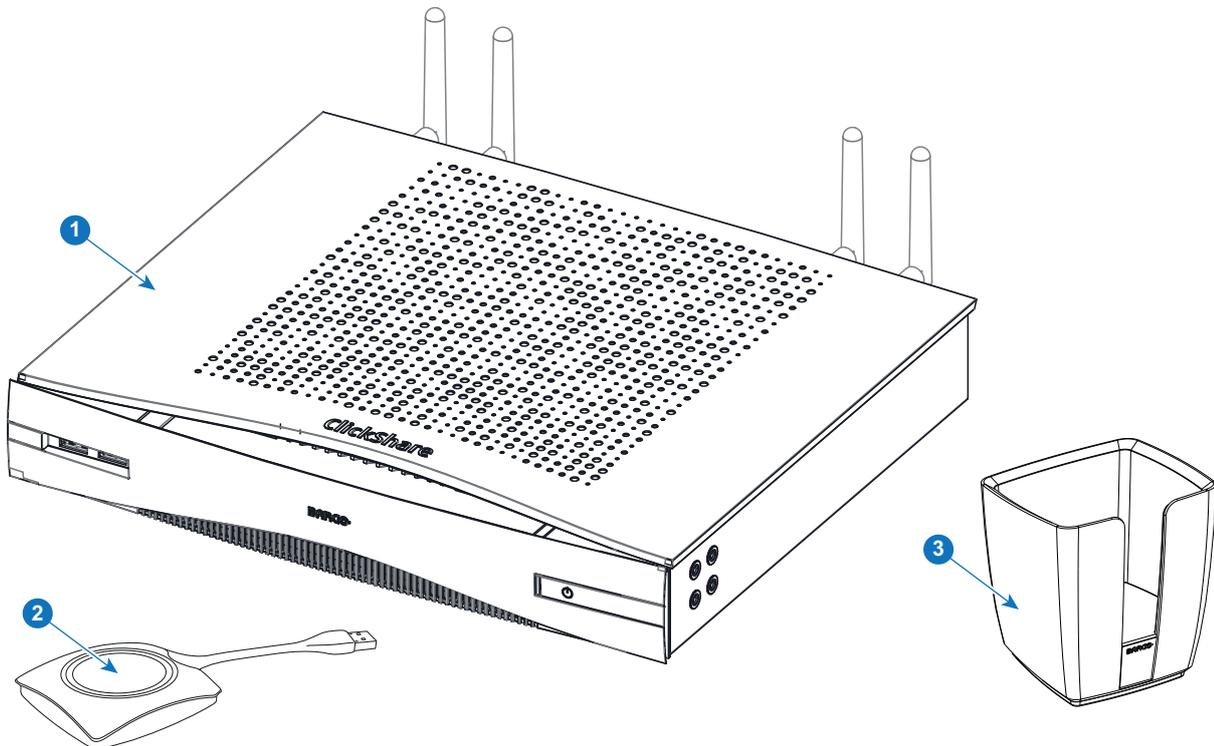


Image 2-1

### Accessories included

Depending on the country where you buy the product, the following regionalized accessories are also included in the CSE-800 box.

Regional version	Contains	Accessories included
R9861580EU	<ul style="list-style-type: none"> <li>• R9861580EU</li> <li>• 4x R9861500D01</li> <li>• R9861500T01</li> </ul>	<ul style="list-style-type: none"> <li>• power cables CEE7 and BS 1363</li> <li>• wall/ceiling mounting brackets</li> <li>• antenna extension cables</li> </ul>
R9861580CN	<ul style="list-style-type: none"> <li>• R9861580CN</li> <li>• 4x R9861500D01</li> <li>• R9861500T01</li> </ul>	<ul style="list-style-type: none"> <li>• power cable GB 2099</li> <li>• wall/ceiling mounting brackets</li> <li>• antenna extension cables</li> </ul>
R9861580NA	<ul style="list-style-type: none"> <li>• R9861580NA</li> <li>• 4x R9861500D01</li> <li>• R9861500T01</li> </ul>	<ul style="list-style-type: none"> <li>• power cable NEMA 5/15</li> <li>• wall/ceiling mounting brackets</li> <li>• antenna extension cables</li> </ul>

Contact your local sales representative for the correct regional variant to be used in your country.

## 2.2 About the Base Unit



### Base Unit

The Base Unit receives the wireless input from the Buttons and controls the content of the meeting room display and the sound of the meeting room's audio system.

The Base Unit can be installed in two different ways.

### Front and Top layout of the Base Unit

At the front of the Base Unit you can find a standby button and two USB ports. Status LED is mounted at the left of the standby button.

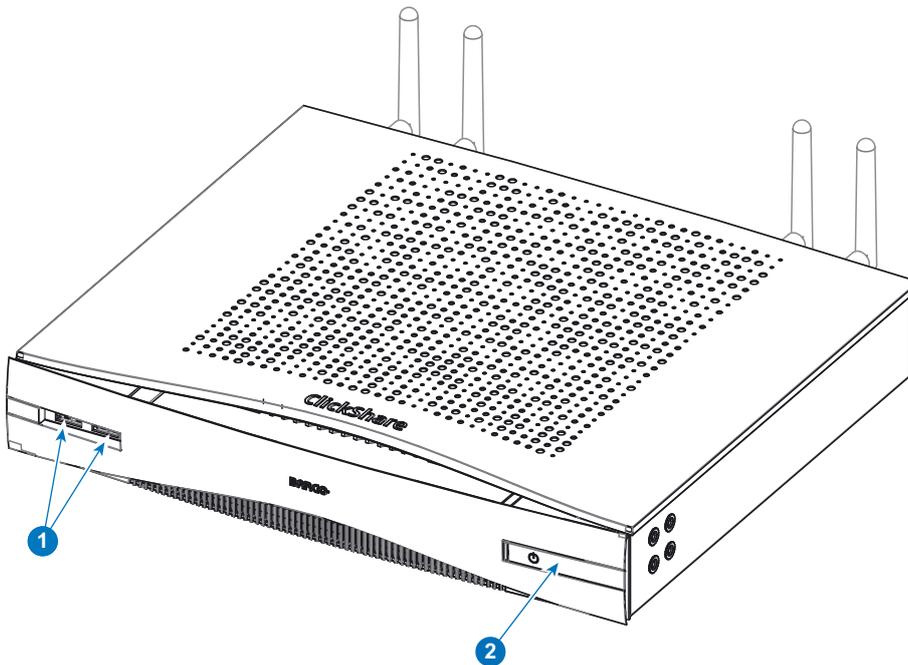


Image 2-2

- |   |                 |
|---|-----------------|
| 1 | 2x USB port 3.0 |
| 2 | Standby button  |

### USB ports

The USB ports (front or back) are used to update the soft- and firmware of both the Base Unit and the Buttons. To pair the buttons, connect the touchscreen and saving blackboarding/annotation screen to USB stick<sup>2</sup>.

When plugging in the Button into the Base Unit, the Button is paired to the Base Unit. The Base Unit checks whether the Button's software and firmware are up to date. If not, the Base Unit updates the software and/or firmware.

To update the Base Unit software, download the latest version of the software from the Barco website. Copy the file on a USB stick and plug it into the USB port of the Base Unit. Follow the progress and instructions on the display.

### Status LED

The color of the LED at the front of the Base Unit give information on the status of the system.

<sup>2</sup>: touchscreen connection, blackboarding/annotation screen saving will be available in future releases

**LEDs behavior****Explanation**

static red

- receiving content from the Buttons and streaming towards the display.
- pairing and software update of the Button is done. You can now unplug the Button from the Base Unit.
- during the first phase of the Base Unit boot process.

blinking white

- system is starting up (during the second phase)
- Button pairing is in progress
- software update of the Base Unit

breathing white

- ECO standby mode

static white

- awake and ready (i.e. showing the welcome message on the display)
- pairing is done

red blinking

- an error occurred

dark

- deep standby/off

**Standby button**

The button at the front of the Base Unit has a standby function once the Base unit is powered

- When the system is in normal operational mode, a push makes the system goes to a pre-defined standby mode.
- When the system is in a standby mode, a push triggers the system to start up and to go to normal operational mode.

**Back layout of the Base Unit**

The connection panel is situated at the back of the Base unit.

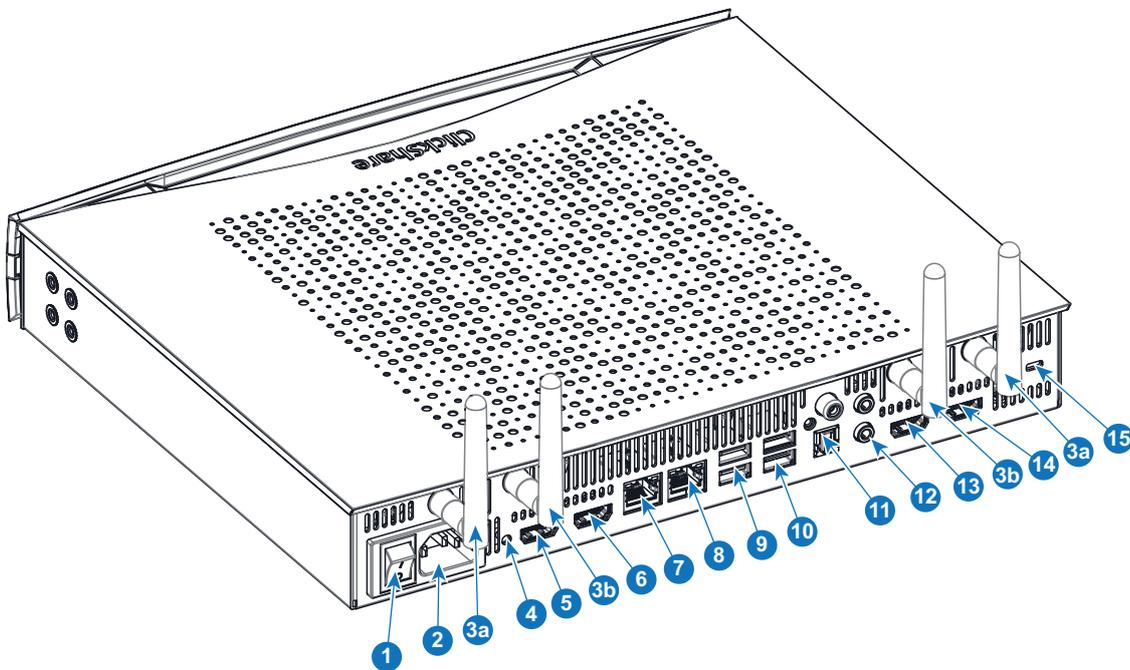


Image 2-3

- |    |                                  |
|----|----------------------------------|
| 1  | Rocker switch                    |
| 2  | Power connection                 |
| 3a | Fixture point for antenna WiFi 1 |

3b	Fixture point for antenna WiFi 2
4	Reset
5	HDMI out 1 connector
6	HDMI out 2 connector
7	LAN 1 connector (primary LAN interface)
8	LAN 2 connector (secondary LAN interface)
9	USB connectors 3.0
10	USB connectors 2.0
11	Audio connectors
12	Audio connectors
13	HDMI in 1 connector
14	HDMI in 2 connector
15	Kensington lock

### Rocker switch

The rocker switch is used to power on and off the Base Unit.

- To switch on the Base Unit, set the rocker switch to “1”.
- To shut down the system, set the rocker switch to “0”.

### Mechanical fixture points

The mechanical fixture points are located at the bottom of the Base Unit

### Antenna

Four antennas are included in the CSE-800 box for concurrent dual band WiFi. To avoid damage during transport, they are not pre-mounted.

The antennas can rotate for a better wireless connection.

Usage of antennas other than the ones provided with the unit are allowed within the restrictions on usage of other antennas defined by local regulations. Barco does not take responsibility for damage or disturbance of other devices that may be caused by using a different antenna. The use of an active power amplifier is not allowed.

Antenna type : Dipole

Gain : Maximum 2 dBi peak gain in 2.4GHz and 5Ghz band

### Ventilation grids

Ventilation grids are foreseen on the front side and on the back sides of the Base Unit.

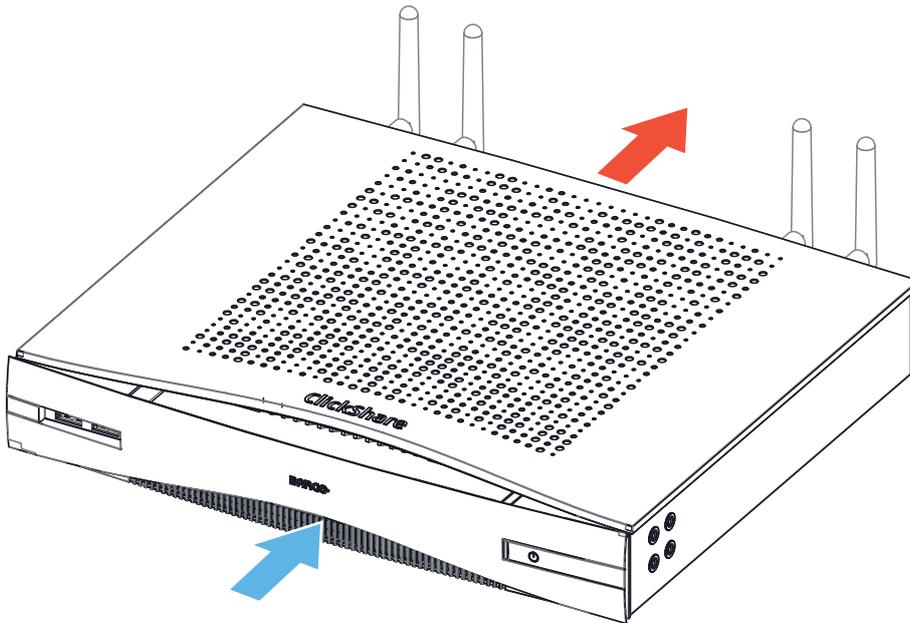


Image 2-4: Ventilation grids IN and OUT

The Base unit sucks air via the front side ventilation grid and push hot air out on the back side ventilation grid.



Make sure not to cover the ventilation grids during operation of the Base Unit. Always keep a free area of minimum 50 mm in front of all ventilation grids.

### Bottom layout of the Base Unit

The serial number label containing the Barco part number, the revision number, production date (week-year) and the serial number.

The product label with the applicable certification logos.

The product label contains:

- the Barco logo
- the product name
- the Barco part number
- the power rating
- markings for applicable standards (CE, CCC, UL, ...)
- markings for waste regulation
- "Made in ..."

### Bluetooth

Bluetooth functionality is currently not available and Bluetooth signal is disabled.

## 2.3 About the Button



**Button**  
A Button toggles the sharing of the individual PC or MAC screen on the meeting screen.

### Button layout

A Button consists of three main components.

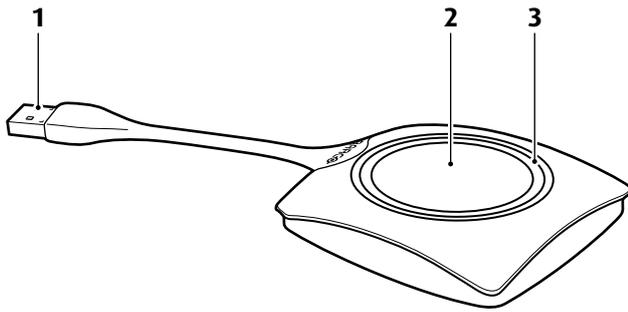


Image 2-5: Button layout

1	USB connector
2	Button
3	LED ring

## USB connector

Using the USB connector the Button can be plugged into a laptop (for sharing your screen) or the Base Unit (for pairing the Button to the Base Unit or updating its software). Button R9861500D1 has a USB Type-A connector, Button R9861500D1C has a USB Type-C™ connector. Depending on the type of USB port on your laptop or on the Base Unit a convertor must be use.

## Button

Click the Button to display the content of the laptop's screen on the meeting room display. Clicking the Button during the meeting will toggle the sharing of the screen.

## LED ring

The LED ring indicates the current status of your ClickShare.

LEDs behavior	Explanation
white blinking	<ul style="list-style-type: none"> <li>the Button is plugged in the laptop and initializing or waiting for the user to start the ClickShare application.</li> <li>pairing/software update of the Button in the Base Unit is in progress.</li> </ul>
static white	<ul style="list-style-type: none"> <li>ClickShare is ready to start sharing your screen.</li> <li>pairing is done. You can now unplug the Button from the Base Unit.</li> </ul>
static red	<ul style="list-style-type: none"> <li>sharing your screen with the display<sup>3</sup>.</li> <li>pairing and software update is done. You can now unplug the Button from the Base Unit.</li> </ul>
red blinking	<ul style="list-style-type: none"> <li>an error occurred.</li> </ul>
off (no light)	<ul style="list-style-type: none"> <li>the Button is not or not properly inserted into the USB port.</li> <li>the Button might be defective.</li> <li>the USB port or computer might be defective.</li> </ul>

## Button label

The label at the bottom of the Button contains:

- the Barco logo
- the Barco part number
- the serial number
- the revision number

<sup>3</sup>: While sharing content, the laptop will not go to standby. Once sharing is stopped, the laptop will again be capable of going to standly.

- markings for applicable standards
- markings for waste regulation
- “Made in...”



Handle the Button cable with care. Rough handling might cause defects.

## 2.4 Mobile Device Support

### Overview

The below list of Apps are supported by ClickShare and can be installed on your mobile device from Google Play or Apple App Store.

Before you can use your mobile device with ClickShare, you have to connect the mobile device Wi-Fi with the ClickShare Base Unit Wi-Fi. Follow the instructions as given in your mobile device user guide.

#### App

ClickShare App

#### Used on

iOS  
Android

#### Logo



# Getting started

# 3

## 3.1 Activating the Base Unit

### About power mode

You can power on and off the Base Unit and bring the system in standby mode. In standby mode the system mutes the output signal to the displays. If your display supports this, it will automatically enter power saving mode.

### Power on the Base Unit or awake it from standby

1. When the Base Unit is shut down, set the rocker switch at the back of the Base Unit to “I”.

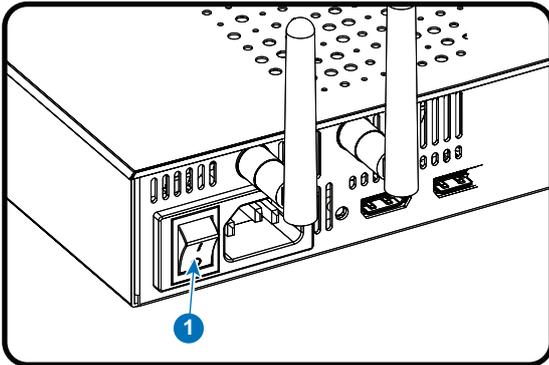


Image 3-1: Power switch

2. If the system does not start up automatically, push the standby button shortly.

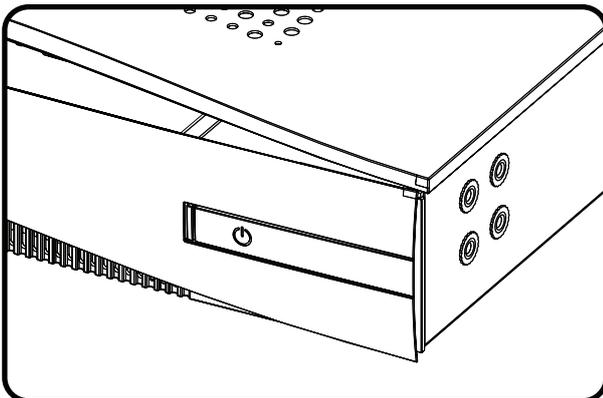


Image 3-2: Standby button

The system is now powered on.

### Put the Base Unit in standby

1. Push the standby button shortly Image 3-2.

### To shut down the Base Unit

The Base Unit can be shut down in two ways :

1. Push the standby button until the Base Unit shuts down Image 3-2.
2. Set the rocker switch at the back of the Base Unit to “0” Image 3-1.

## 3.2 Basic Use, with Button

### Basic functionality

When entering a meeting room equipped with ClickShare and if the display is not in screensaver mode, the ClickShare wallpaper is shown on the display. The content of the wallpaper depends on the setup.

Starting to use ClickShare is now very simple.

## To start using ClickShare with a Button

1. Take a Button and Insert the Button into a USB port of your laptop. Depending on the USB port on your laptop and/or on the USB connector of the Button, a converter must be used. This converter is not delivered by Barco.

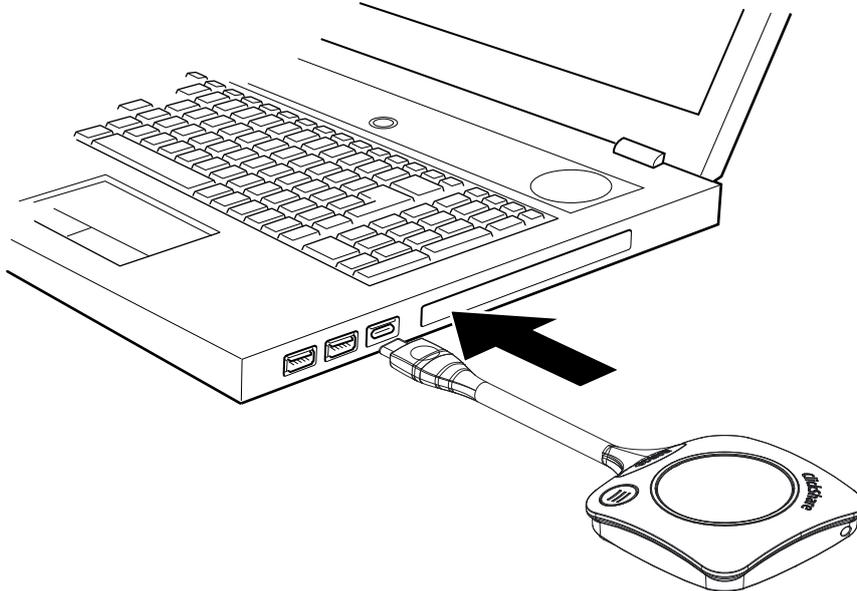


Image 3-3

The LEDs of the Button start flashing white.

On your laptop a new drive appears.  
Two situations are possible now:

- A launcher is preinstalled on your laptop (downloaded from the Base Unit or Barco website, or deployed company-wide by your IT department). ClickShare is immediately available. You can continue with go to step 4.
  - nothing is pre-installed. Continue with go to step 2.
2. Browse to and double-click the ClickShare drive on your laptop.

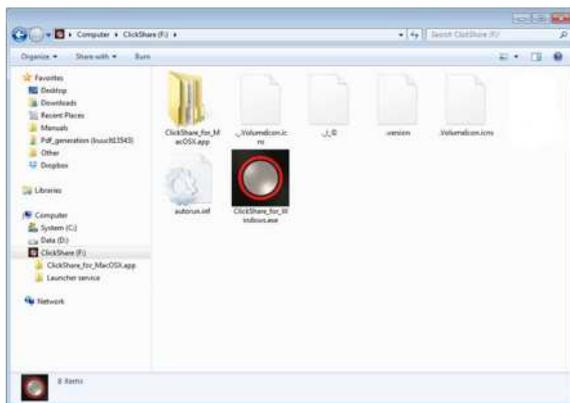


Image 3-4: Windows environment



Image 3-5: MAC environment

3. Double-click the ClickShare application.



The ClickShare client software starts and its icon appears in the system tray.

On a Windows computer: 

On a Macintosh: 

When the system is ready for use, a message appears close to the systray icon.

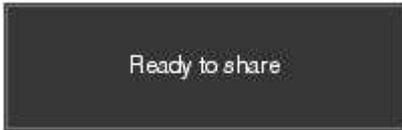


Image 3-6

The LEDs of the Button are static white.

4. To share your screen on the display, click the Button.

The LEDs of the Button become static red and your screen appears on the display. When audio is enabled on the ClickShare Base Unit, the audio of your laptop is also available on the audio output of the Base Unit and on the HDMI output, and it will be played via the meeting room audio system. The icon returns to the same state as in step 3.

In the system tray, the ClickShare icon starts rotating. On Windows computers the icon changes into .

The name of the user logged on to the laptop which is sharing its content is briefly shown in the bottom left corner of the added content.

ClickShare automatically scales the content of your screen to the resolution of the meeting room display. The aspect ratio of your screen is maintained to make sure the proportions are correct.

5. To remove your content from the display, click the Button again.

The LEDs of the Button become static white.

6. When leaving the meeting room, unplug the Button from your laptop.

No trace of the ClickShare application is left on your laptop.



A second user will replace the first user on screen just by pressing on the button, no long press is needed.

## 3.3 Basic Use, with ClickShare desktop app

### About the ClickShare desktop app

With the ClickShare desktop app installed on your computer you can enter a meeting room and get on the screen in a few seconds.

The ClickShare desktop app connects to the meeting room screen in order to share your content. Presence detection technology is used to do so. The ClickShare desktop app uses WiFi beacons and an inaudible audio signal to detect the most nearby meeting rooms and show a list of maximum 5 most nearby meeting rooms, sorted based on signal strength on your computer. Just click on your meeting room name. This means you will never have to enter IP addresses or scroll long lists of meeting rooms before being connected to your meeting room.

The ClickShare desktop app can be used with or without a Button.

### ClickShare desktop app installation

When the ClickShare desktop app is not pre-deployed in your IT environment, you can download and install the software without administrator rights from [www.clickshare.app](http://www.clickshare.app).

## How to use

1. Enter a meeting room.

The ClickShare desktop app will list up to 5 most nearby meeting rooms and sort them based on the signal strength.

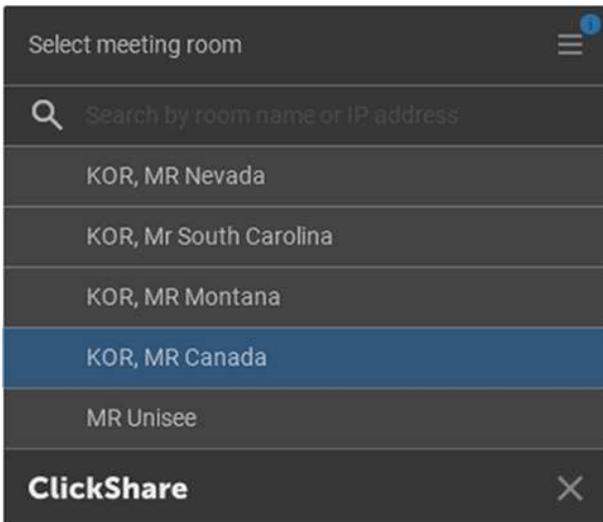


Image 3-7: Meeting room list

2. If the use of a passcode is enabled on the base unit, the ClickShare desktop app will prompt you to enter the passcode that is shown on the meeting room screen.

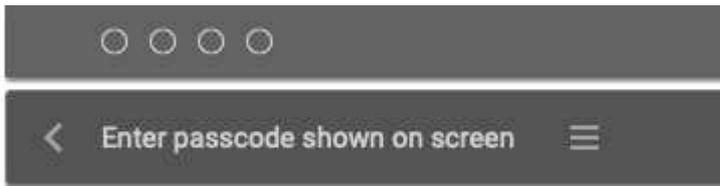


Image 3-8: Enter passcode

After having entered the passcode, the ClickShare desktop app will connect to the meeting room.

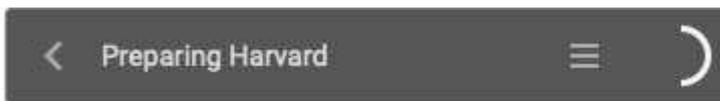


Image 3-9: Prepare connection



Image 3-10: Ready to share

3. Click the white circle to start sharing your content.

When the sharing is started, the ClickShare desktop app will become partially invisible through an animation. A subtle red half circle remains visible on your screen.

Hover over the half circle to either pause your sharing session and freeze the content on the screen while you work on your computer (invisible for people in the meeting room), or click on the red circle to stop sharing.

4. Stop sharing by hovering over circle and clicking on the full red circle.



Image 3-11

5. Disconnect from the meeting room by clicking the “leave room” icon



Image 3-12: Leave meeting room

or

when you walk away from the meeting room the app will show a message indicating you probably left the meeting room and you are still connected to the screen.

## 3.4 Advanced Use

### Advanced functionality

Depending on the display mode, ClickShare can show the content of up to four sources (clone mode) or up to eight source (extended mode) on the meeting room display(s) at the same time. A source can be a wireless source, via the a ClickShare Button or either an iPad or android device sharing via the ClickShare app, or HDMI input source. This means by clicking their Button, clicking the virtual button in the ClickShare app, four or eight persons in the meeting room can display their screens simultaneously. They appear as follows:

For a meeting room with a single display:

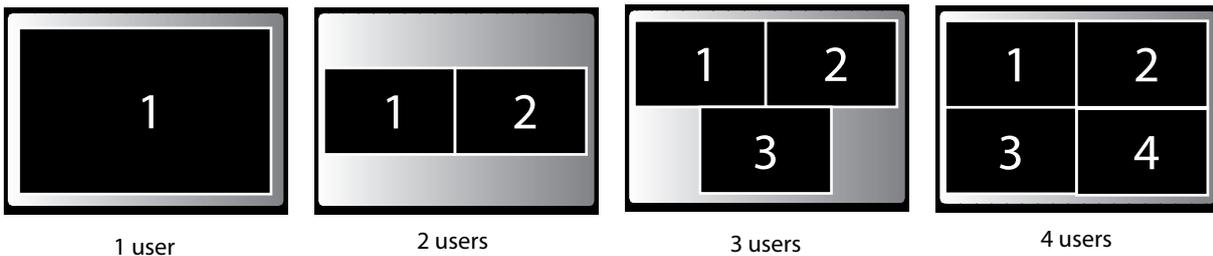


Image 3-13: Position on single display

For a meeting room with a dual display in extended mode:

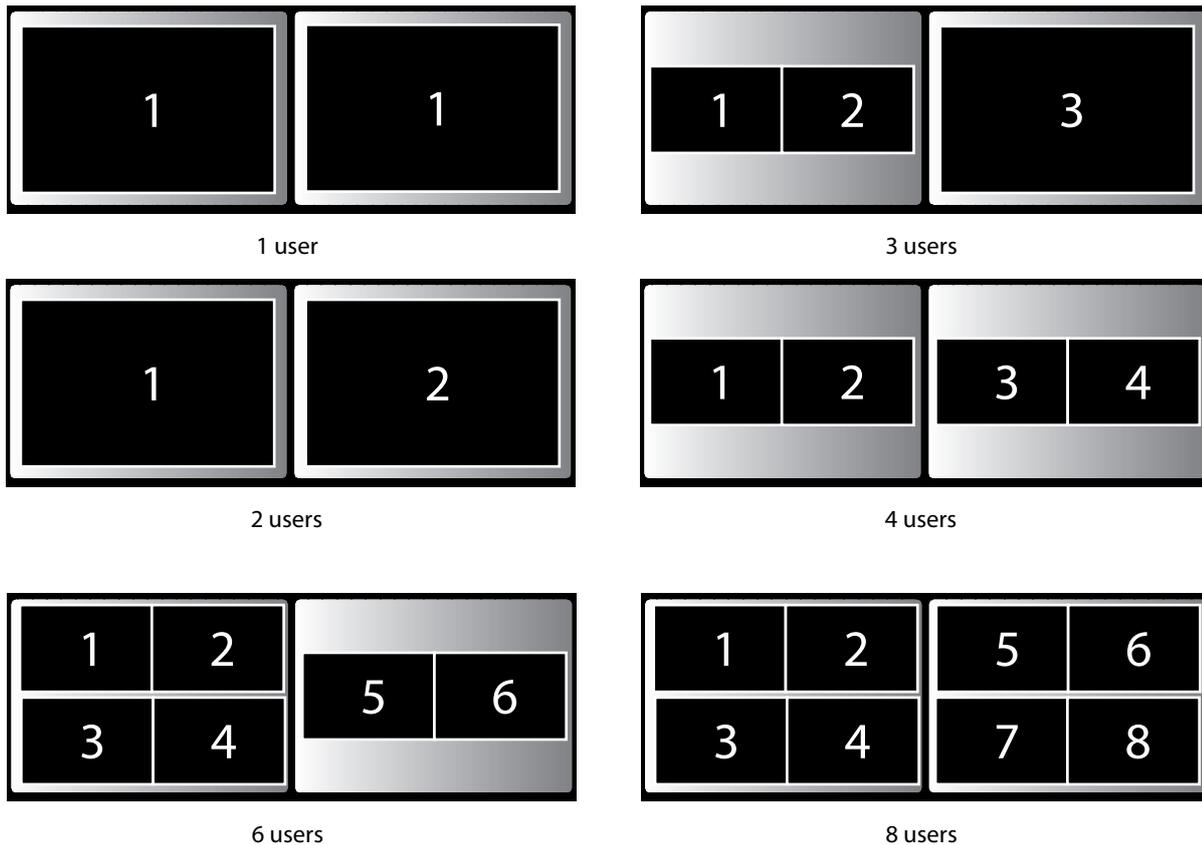


Image 3-14

When the display mode is set to extended, if you are the ninth user, you are blocked. A message appears on your screen telling you the maximum number of users is reached. You have to wait until one of the other users removes his content or you display your content full screen removing all the others.

For a meeting room with a dual display in clone mode:

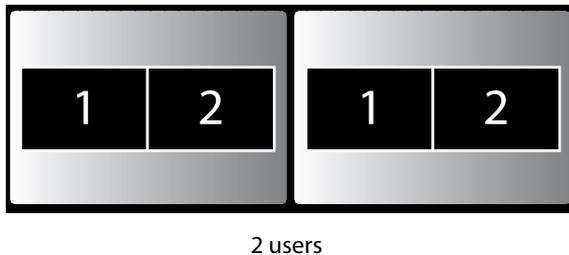


Image 3-15

When the display mode is set to clone, if you are the fifth user who wants to share his screen, you are blocked. A message appears on your screen telling you the maximum number of users being displayed simultaneously has been reached. You can decide to wait until one of the four users removes his content from the display or you can decide to show your content full screen. In that case, the four screens that were being displayed are removed and your screen is displayed full screen.

For a meeting room with a dual display in span mode:

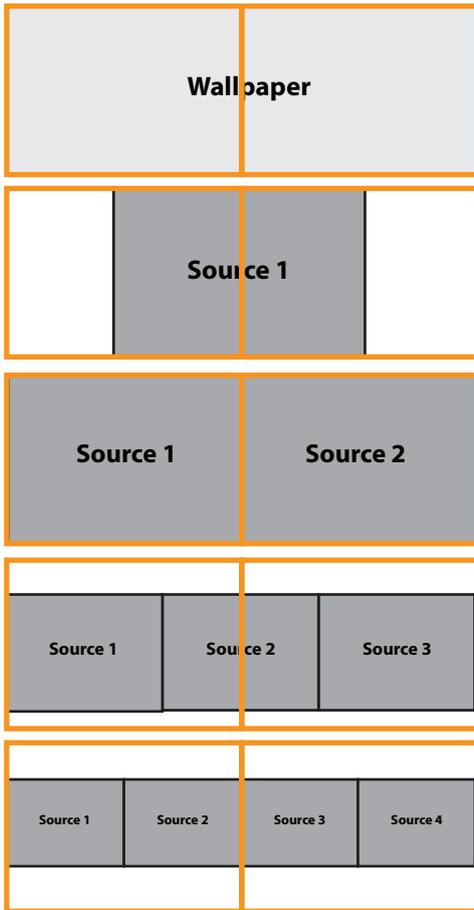


Image 3-16

When the display mode is set to span, the sources are divided over both screens as shown in the drawing. The sources are always displayed in a row and only four sources can be displayed.

### To show your content on the display full screen

1. Click and hold the Button for 2 seconds.

Your content is shown full screen on the display. If other persons were sharing their content on the display, their screens are removed. Their Button's LEDs are now shining white again.

Examples are showing the content for display mode set to clone.

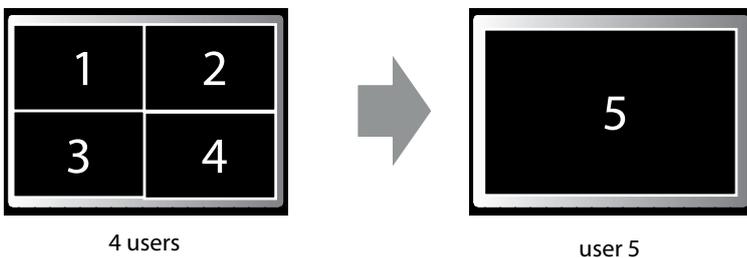


Image 3-17: Single display

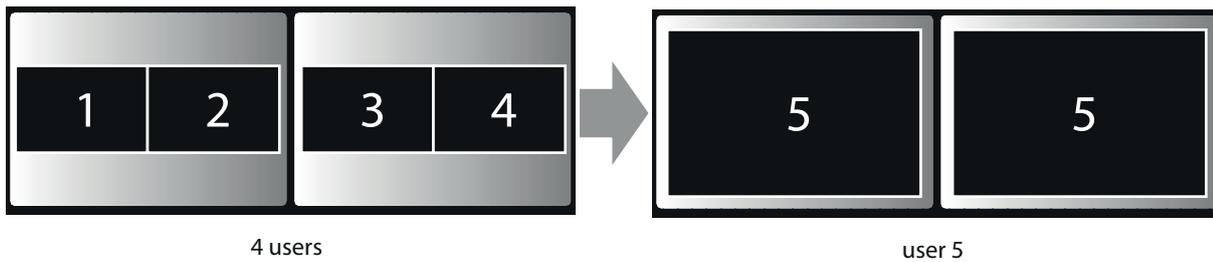


Image 3-18: Dual display



When you click again, your content is removed and the Base Unit shows the welcome screen again. The content of the previous users is not restored on the display.

## 3.5 User Interface

### User Interface functionality

After launching the client, the ClickShare icon appears in the system tray.

#### ClickShare context menu

The content of the context menu is related to the operating system.

1. Right-click the ClickShare icon in the system tray.

The context menu appears.

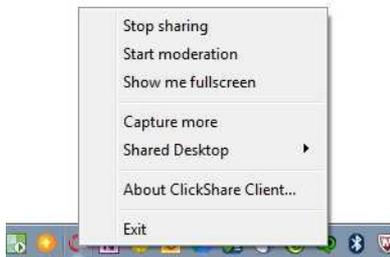


Image 3-19: Context menu

2. From the list, click the action you want to perform.

Click	To	Result
Start/stop sharing	to show your screen on the display. to remove your screen from the display	The LEDs of your Button become red. The LEDs of your Button become white.
Start moderation	to moderate the displayed content	The selected content by the moderator is displayed.
Show me fullscreen	to bring the content of your screen on the display full screen.	The screens of other users that were shown on the display disappear.
Capture mode	to choose to capture video with more (slower performance) or less detail (faster performance).	Tune video performance and quality
Shared desktop (only for Windows7, Windows8 and Windows10)	to select primary or extended desktop	Depending on the selection the primary or the extended display is displayed.

Click	To	Result
About ClickShare Client	to find out the ClickShare software version.	Here you can find more information on the ClickShare software version.
Exit	to close ClickShare.	The ClickShare icon disappears from the system tray and the LEDs of the Button start blinking white.

## 3.6 Capture more



Only for Windows XP, Windows Vista and Windows 7 & 8.

### About capture more

ClickShare is optimized for optimum video performance. Upon starting the client software it will disable Win7 Aero Glass to maximize video performance. Upon quitting the ClickShare applications your Aero Glass settings will be restored.

Transparent alpha layers are by default not captured. Therefore some windows may not be shown or may appear different on screen. For example content of video players using overlays will not be shown.

With "Capture More" selected, Win7 Aero Glass settings will be restored and capturing of alpha layers is enabled. In this mode, video throughput may decrease a bit and more details will be captured.

Default setting: Checked, capture more is enabled.

### How to change

1. Right click on the ClickShare icon in the system tray (1).

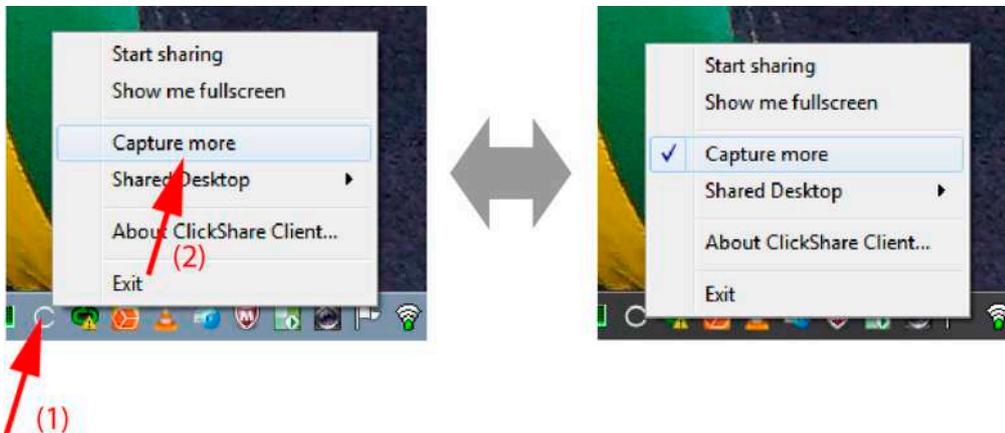


Image 3-20: Change capture mode

A context menu opens.

2. Click *Capture More* to toggle.

Checked: capture with more details but may have a lower performance.

Not checked: capture will be faster but may lose some of the details

## 3.7 Shared desktop: primary - extended

### About shared desktop

Depending on your selection, your primary screen or your extended screen will be captured and displayed via ClickShare. That extended screen can be a physical screen or a virtual screen.

With extended desktop you can take advantage of both your laptop screen and the central meeting room display. Presentation notes or other material on primary screen will not be displayed to everyone.

PC with virtual extended screen:

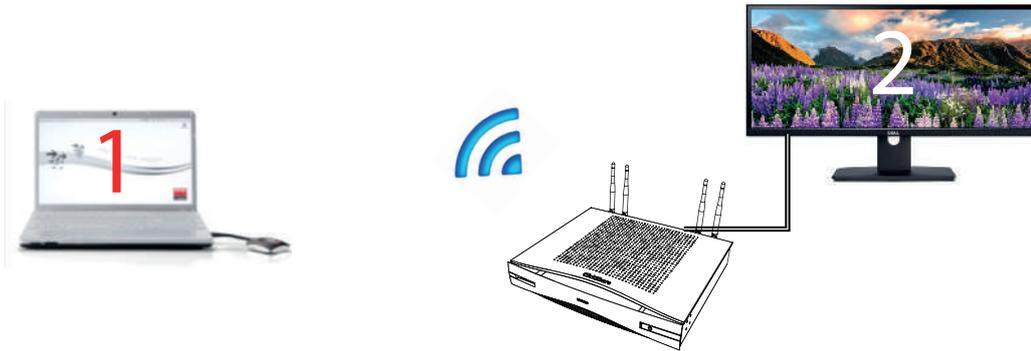


Image 3-21

Primary screen displayed on the PC, extended screen displayed on the meeting room display.



Image 3-22

PC with one extended screen connected. That extended screen will be captured and displayed on the meeting room display.



Image 3-23

PC with two extended screens connected. The first extended screen, screen 2 will always be captured and displayed on the meeting room display.



To know if your system supports the extended desktop feature, press *Window key + P*. It should bring up the following pop-up on screen:



Image 3-24

## How to select

1. Right click on the ClickShare icon in the system tray (1).

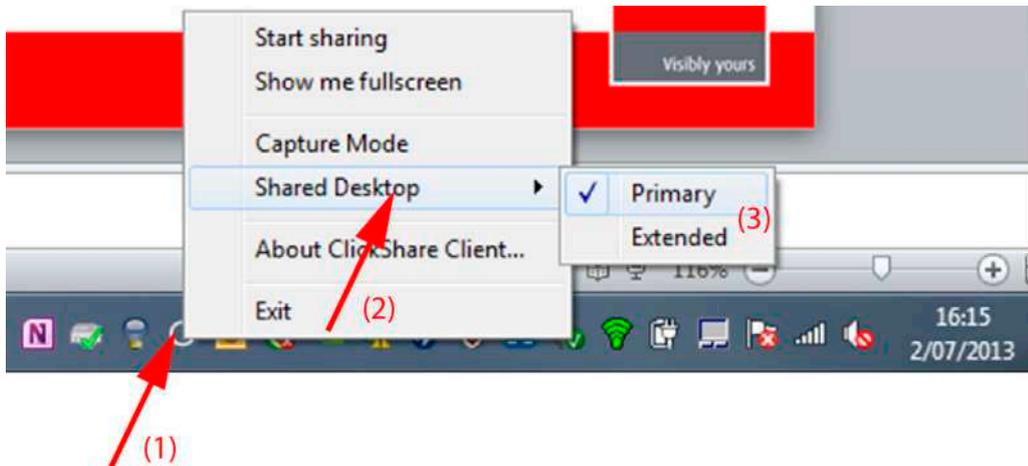


Image 3-25: Shared desktop selection

A context menu opens.

More than one extended desktop can be shown, e.g. extended desktop (center) and extended desktop (right).

2. Select *Shared Desktop* (2).
3. Select the desired setting (3).

Primary : the primary PC screen is displayed on the meeting room display.

Extended always the secondary screen is displayed on the meeting room display.

## Known issue

- Virtual Extended Desktop requires the ClickShare Extension Pack to be installed on Windows 8 and Windows 10 systems.

## 3.8 Moderation

### About moderation

The moderation functionality was specifically designed for use in larger rooms, with multiple people wanting to share at the same time. To prevent the rapid switching of screens, making the content difficult to follow, a moderator can manually select which content appears on-screen and when, thus ensuring a great experience for all attendees. The different Buttons, apps or legacy equipment are connected with the CSE-800. One participant, the moderator, connected with a Button can take the lead to moderate the meeting. Depending on the display mode he can show up to 4 or 8 contents on the displays. A specific content can be displayed full screen. The moderation function can be switched off at any time, returning the system into ClickShare's normal operating mode, with content being shared upon the click of a button.

### How to start moderation

1. As moderator of the meeting, click on the ClickShare icon in the system tray (1).

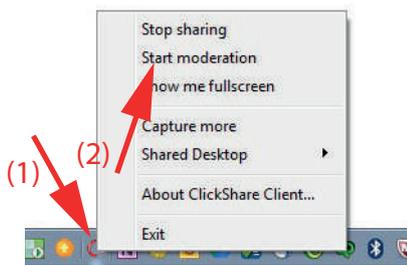


Image 3-26: Start moderation

A context menu opens.

2. Select *Start Moderation* (2).

The moderation application opens on his PC. All shared content is available.

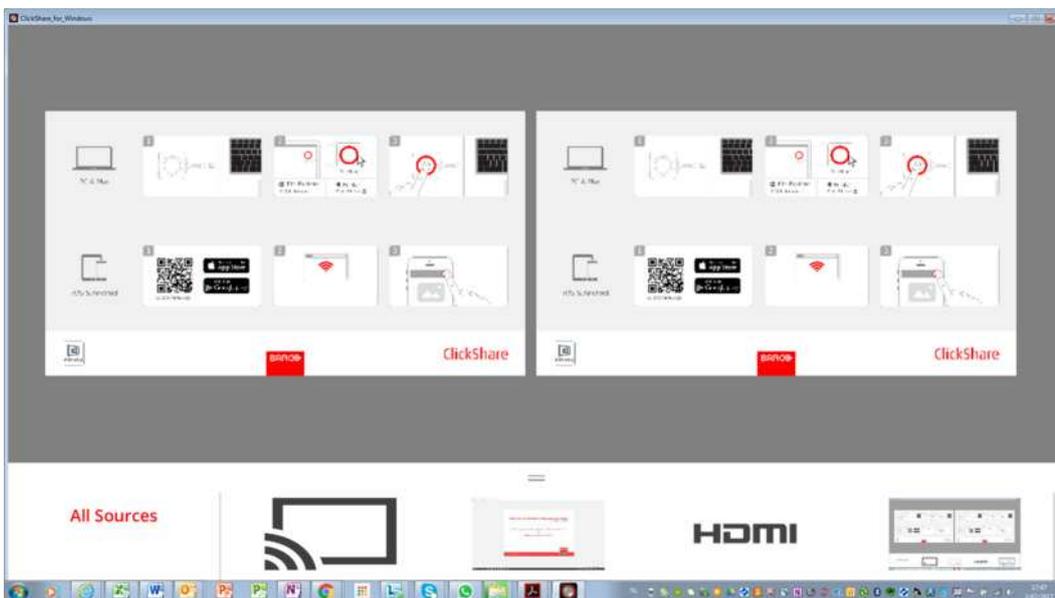


Image 3-27: Moderation window

3. To stop moderation, close the moderation window.

## About the different panes

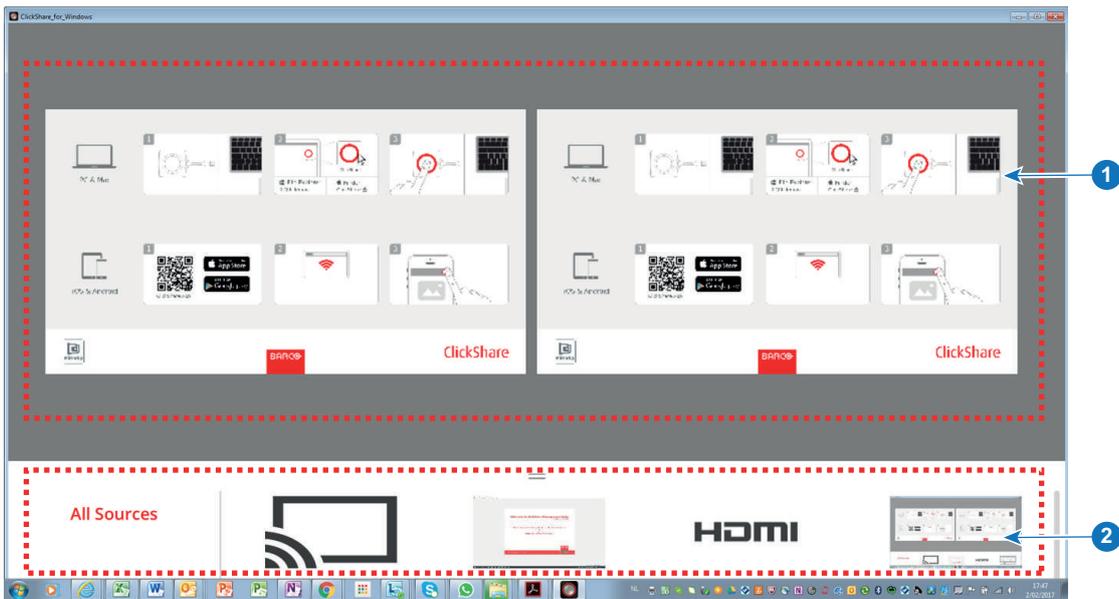


Image 3-28

- 1 Representation of the displays with their current content.
- 2 Sources pane: representation of all connected sources, apps and Buttons. When more than 4 sources are connected, scroll in the source pane to view the additional sources.

## How to display a content

1. Click on a content in the source pane and drag the selected source on to the screen.

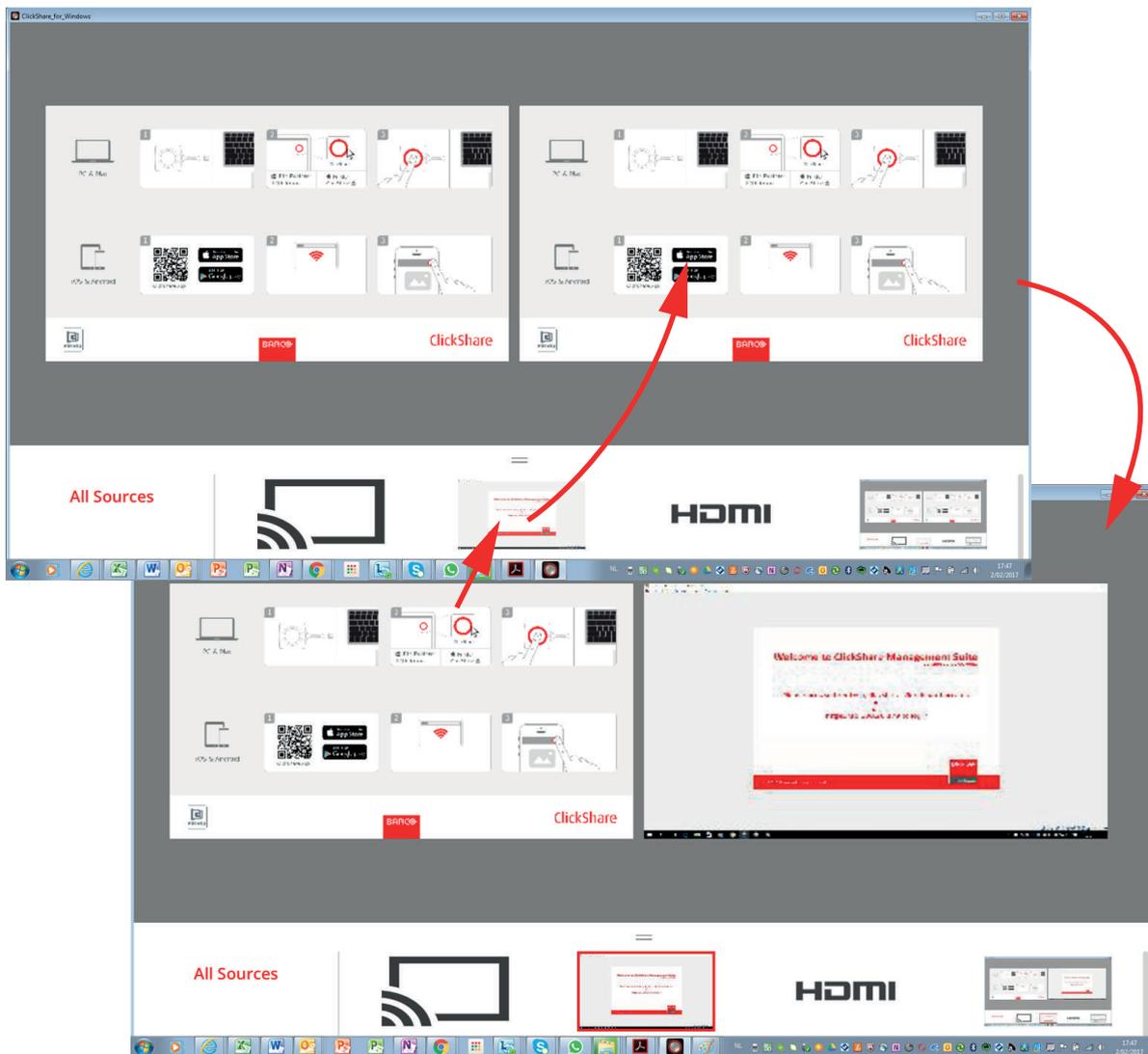


Image 3-29: Display a content

The content will be automatically displayed on the screen. The displayed source gets a red square around its content. This red square indicates that this source is displayed on the screens.

2. To add extra sources, click on the source and drag on to the screen.



Image 3-30: Display multiple contents

The new added sources are displayed on the screen. The software automatically layouts the different contents on the screen.

### How to remove a content from the display

1. Click on a content in the display view and drag and drop outside the display.

or

click on the trash bin when hovering over the source on the display.

### How to display a content full screen

1. Double click on the content to display this content full screen.

The selected content is displayed full screen and all other content on the screen is removed. All removed content is still available in the source pane.

## 3.9 Audio configuration

### Audio configuration

The connected user must control his own audio signal using the audio configuration of his computer. If he does not want to broadcast his audio signal, he has to mute audio on his computer.

For some operating system, it is necessary to set ClickShare as your default output device. Once you unplug the Button, the default setting is switched back to the previous setting.

### Set ClickShare as default in Windows

1. Right click on the speaker icon in the system tray (1).

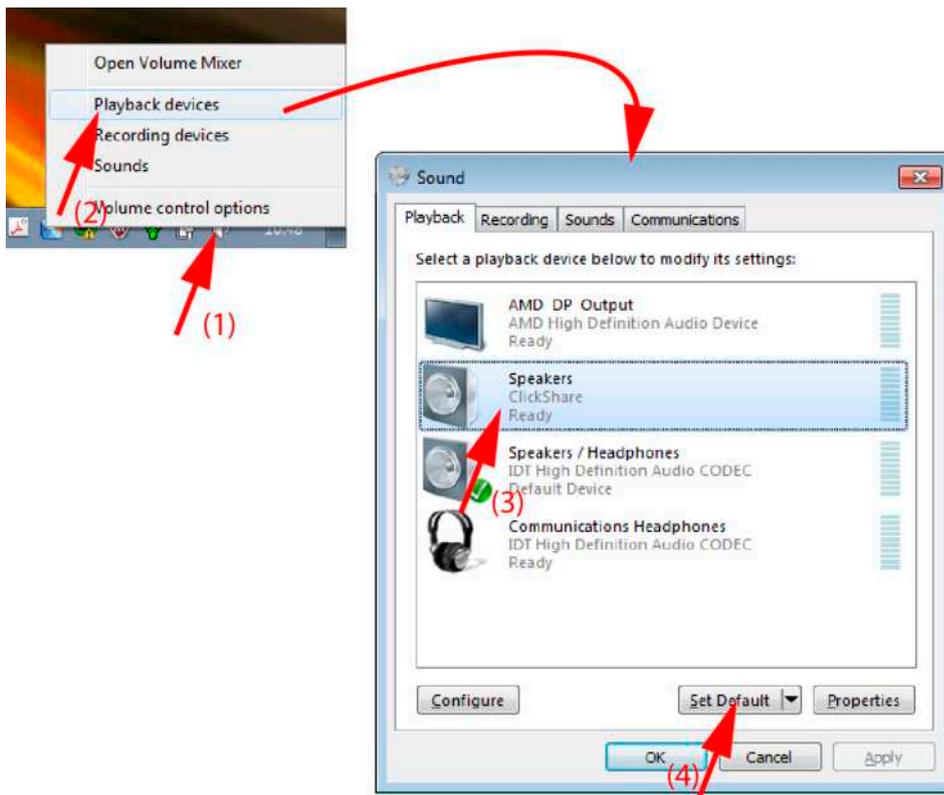


Image 3-31: Speakers ClickShare, default (example Windows 7)

2. Click *Playback devices* (2).  
The *Sound* window opens on the *Playback* tab.
3. Select *Speakers ClickShare* (3) and click *Set default* (4).
4. Click **Apply** or **OK** to activate the new setting.

### Set ClickShare as default on MAC

1. Click on the Apple logo on the menu bar (1) and select *System Preferences...*(2).

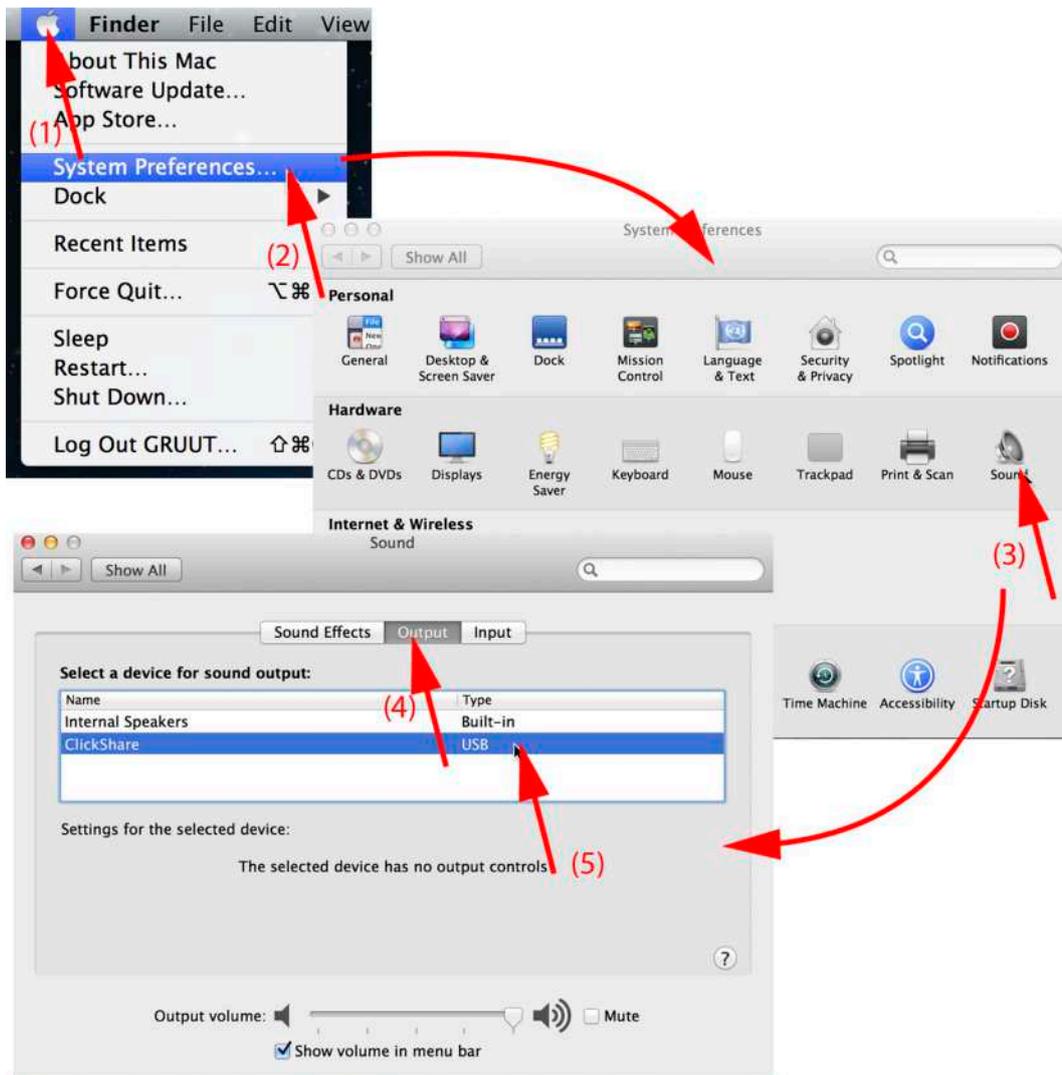


Image 3-32: Speakers ClickShare, default

2. Click on the *Speaker* icon (3).  
The *Sound* window opens.
3. Select the *Output* tab (4) and activate ClickShare (5).

 Short way to select ClickShare as audio device: Click with the mouse on the Speaker symbol in the menu bar while holding ALT. ClickShare will be visible as an option.

## 3.10 Pairing

### Pairing of the Buttons with the Base Unit

To be able to use a Button it should be assigned to the Base Unit you are using. This process is called pairing. By default, the Button(s) delivered with the Base Unit are already paired to that specific Base Unit.

In case you buy additional Buttons or when a Button should be assigned to another Base Unit, the Button needs to be paired (again). The Button software update runs in the background and will not impact users while using the system. When downgrading or updating to an older version of the Base Unit software the Buttons need to be paired manually to update their software and that only in case the Button update over Wi-Fi is disabled.



A Button can only be paired to one Base Unit at a time.  
The Button will always make connection to the Base Unit it was last paired to.

Pairing a Button can be done in two ways:

- by plugging the Button to the Base Unit.
- by using the Button Manager application running on your laptop.

### To pair a Button to the Base unit by plugging in

1. Insert the Button in one of the USB port available on the Base Unit you are using (image is only given as example, all USB connectors can be used).



*Note:* For some ports or Buttons, it can be necessary to use a convertor.

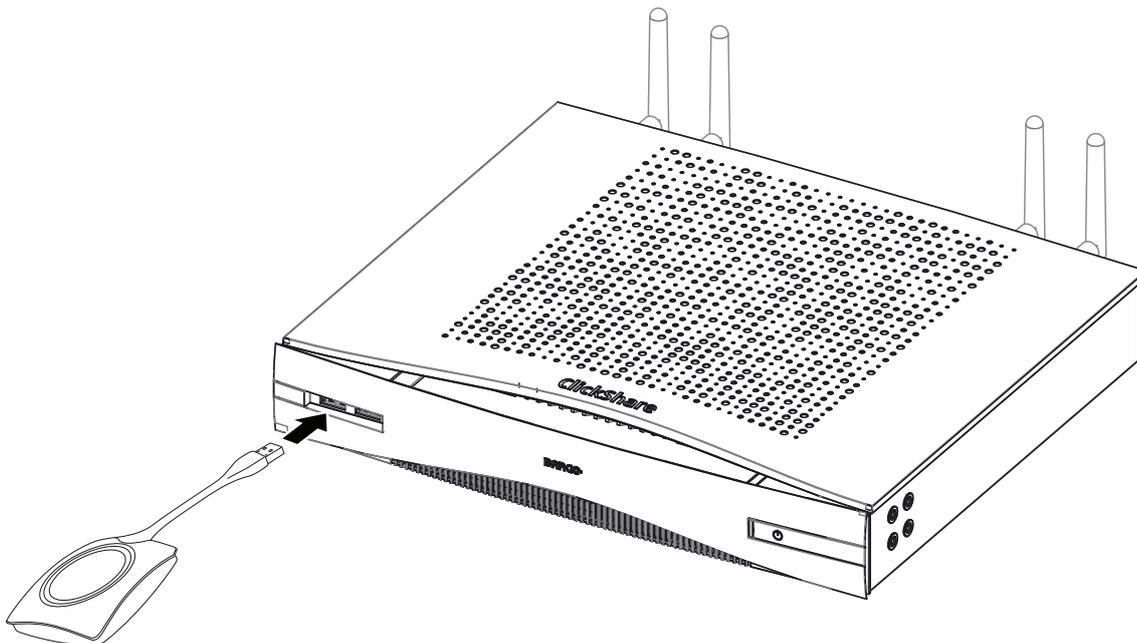


Image 3-33: Pair button

Both the LEDs of the Button and the LEDs of the Base Unit are blinking white. This means pairing is in progress.

The Base Unit automatically checks whether the software of the Button is up to date. If not, the Base Unit updates the Button software. This may take more time.

During the pairing and update process, a small status bar is display.

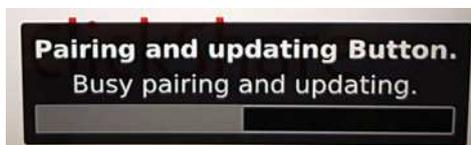


Image 3-34: Pairing message

The result of the pairing process can be as follows:

- When the LEDs become static white, the Button is paired to the Base Unit, but no software update was needed. You can unplug the Button from the Base Unit.
- When the LEDs become static red, the Button is paired to the Base Unit and the software update has finished. You can unplug the Button from the Base Unit.

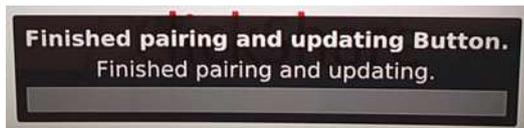


Image 3-35: Pairing finished

2. Unplug the Button from the Base Unit.

The Button is now ready for use.

### To pair a Button to the Base Unit using the Button Manager

Via the Button Manager client application running on your laptop, up to 4 Buttons can be paired simultaneously to a Base Unit without plugging the Buttons to the Base Unit. The Buttons are plugged in to your laptop. For more information about the Button Manager, consult the Button Manager's user guide which can be downloaded from Barco's website.

## 3.11 Blackboarding & Annotation

### About blackboarding

Blackboarding allows you to use the meeting room's touchscreen as a writing board to write or sketch ideas on. Let creativity flow and have more dynamic meetings. With only one tap on the screen, you can save your real-time brainstorming session and share a copy with all meeting participants connected to the ClickShare Base Unit via the Button or via the ClickShare Desktop App.

With only one tap on the touch screen, you can select the blackboarding functionality. Combining a touch display and a wireless collaboration tool drives the productivity and engagement in your meeting room. With an additional tap on the screen, you can select the 'save' option. Saved sessions can be found on your laptop under c:\Users\username\Documents\clickshare-downloads. Files are never saved on the Button or Base Unit.

### About annotation

Annotation gives you the option to add comments directly on presented content via the meeting room's touchscreen. Discuss and make your annotations or notes on the spot, creating an elaborated environment for ideation. With only one tap on the screen, you can save your real-time brainstorming session and share a copy with all meeting participants connected to the ClickShare Base Unit via the Button or via the ClickShare Desktop App.

With only one tap on the touch screen, you can select the annotation functionality. Pick your color and you can start to draw, write, highlight. Combining a touch display and a wireless collaboration tool drives the productivity and engagement in your meeting room. With an additional tap on the screen, you can select the 'save' option. Saved annotations can be found on your laptop under c:\Users\username\Documents\clickshare-downloads. Files are never saved on the Button or Base Unit.

### 3.11.1 Start the blackboarding mode

#### How to start

1. Tap with 2 fingers at the same time, approximately the same place, for about 500 ms on the touch panel.



Image 3-36: Start blackboarding mode

-  **Note:** A selection must be made within 10 seconds. If not, the Base Unit will close the selection menu and returns to the presenter mode.

The selection menu with *Blackboard* and *Annotation* opens on the current presented content. When nothing is shared, only *Blackboard* will be available in the menu.

2. To start the blackboard functionality, tap on **Blackboard**.

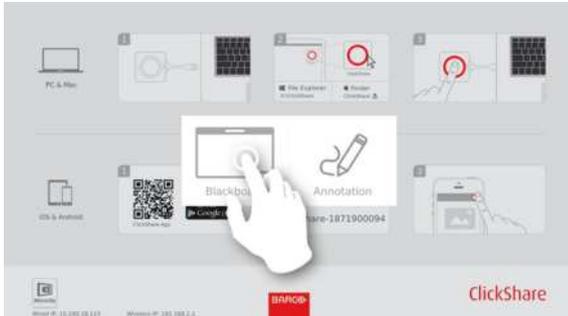


Image 3-37: Start blackboard

-  **Note:** When tapping next to menu, the Base Unit will return to the presenter mode.

The current content will be hidden. No clients should be disconnected. A black background is shown. The screen is empty when no previous blackboard has been used. Otherwise previous content is shown again.

3. To start the annotation functionality, tap on **Annotation**.



Image 3-38: Start annotation

-  **Note:** When tapping next to menu, the Base Unit will return to the presenter mode.

No clients should be disconnected. The current shared screen(s) will be captured and used as background. No previous content can be shown again.

### 3.11.2 Drawing tools

#### Pen

Click on the Pen icon to start the drawing functionality. Draw with you finger on the screen.

#### Erase

Click on the Erase icon to start the erase functionality. Erasing can be done with single finger or with multiple fingers. The eraser grows in size depending on the speed of the movement. The erased parts are indicated with a circular overlay.

#### Size

Allows you to switch between different pen sizes. The default is medium.

Tap on the **Size** icon to open en drop down menu with 4 different pen thicknesses options.

- small

- medium
- large
- x-large

Tap on a desired thickness to change the current selected pen thickness. The current selected size is not repeated in the list.

## Color

Allows you to switch between the different pen colors. The default color is white.

Tap on the Color icon to open the drop down menu with 5 different colors.

- black
- white
- red
- blue
- yellow

Tap on the desired color to change the pen color. The current select color in the toolbar will change to the new selection. The current selected color is not repeated in the list.

## Grid

Tap on the Grid icon to toggle the grid on or off. When on, a grid will be shown where the distance between the lines is 5% of the width of the screen. The horizontal and vertical distance will be the same.

## Clear

Click on the Clear icon to clear the current drawing. A warning message “Are you sure you want to clear the page?” will be displayed.

Click on **OK** to clear the content.

Click on **Cancel** to keep the content.

### 3.11.3 Saving a drawing on a USB stick

#### How to save

1. Insert a USB stick in one of the USB inputs of the Base Unit.

 *Note:* USB stick must be formatted with FAT32.

2. Click on **Save** icon.

The current drawing is saved on the USB stick as PDF with as file name the meeting room name and current date.

When saving a blackboard drawing, the white and the black lines are inverted. The white annotations become black and the black annotations become white.



When no USB stick is found, the Base Unit will look for connected buttons. When even no buttons are connected a warning will be displayed: “The blackboard can not be saved. Please connect a USB to the ClickShare Base Unit or plug in a Button on your laptop”. This message will be dismissed after 10 seconds.

### 3.11.4 Saving a drawing to connected clients

#### How to save

1. Click on **Save** icon.

The Base Unit checks whether there are Buttons connected.

The connected client will receive a pop-up message requesting to save the file on his device.

2. Accept the blackboard file.

The Base Unit will transfer the file to the Button client and the file will be saved on the user's device within the user's home folder. The file will be saved as a PDF file with as file name the meeting room and current date.



When there is also an USB stick (FAT32 formatted) inserted in the Base Unit, the file will be saved on this USB stick at the same time.

### 3.11.5 Returning to Presenter mode

#### How to return

1. Click on the **Close** (Cross) button in the lower right corner.

The Base Unit returns to Presenter mode.

The content of the Blackboard is not cleared. When returning to the blackboarding mode, the previous content will be displayed.

The content of the Annotation mode is cleared and cannot be reused when restarting the annotation mode.

## 3.12 Touch Back

### About Touch Back

Touch Back support on your wireless collaboration solution allows you to control any application on your laptop via the touch screen in the room, instead of using a computer mouse or clickers. You can control data with your finger or with a specified stylus. Stay in control of your presentation, and don't let technical limitations interrupt the flow of your meeting anymore.

No need to go back to your laptop or use unreliable clickers to move to the next slide. Simply tap the screen to switch slides. And with a few touches on the screen, you can also open other presentations, share mails or start a video. With one tap on a touch screen, you can also select the blackboarding or annotation functionality. The combination of a touch display and a wireless collaboration tool drives the productivity and engagement in your meeting room.

- It gives you the opportunity to present more freely within the meeting space
- You can start to ideate on content real-time.
- Collaborate more interactive and creatively.
- Get higher engagement from the participants.
- Technical limitations of the room are not hindering the flow of the presentation or meeting.
- It boosts spontaneous collaboration, giving people the opportunity to use the specific extras like easy access to online content, cloud drives or photos, zoom, annotate, blackboarding...



# Troubleshooting

# 4

## 4.1 Basic Troubleshooting

### Problem solving

In this chapter some problems that might occur while using CSE-800 are listed. For each problem possible causes are given and a solution is proposed. If you cannot solve the problem yourself, please contact your local IT administrator.

Problem	Cause	Solution
Your screen is not shown on the display when pressing the Button.	You are the fifth person that wants to share the content to the display.	A current user has to push his button to remove his content so that a third user can share his content. or As third user, click and hold the Button to use the Show me function of ClickShare.
	The ClickShare client software is not running.	Go to the ClickShare drive and run the software.
Your screen is shown, but your audio is not playing on the meeting room audio system	Your audio signal on your PC is muted	Right click on the speaker icon and switch off the mute.
	Audio system of the meeting room is not switched on	Switch on the audio system of the meeting room.
	When using separate audio, audio cable is not connected	Check audio connection between the Base Unit (audio out, green connector) and the audio system of the meeting room.
	Default speaker is not correctly set	With a Button inserted, set ClickShare speaker as your default speaker.
	Buttons are not re-paired after changing the audio setting on the web interface	Re-pair the buttons.
Your content is removed from the display and the LEDs of your Button are blinking white.	Audio setting on the web interface is not correctly set.	Consult your administrator to select the correct audio setting.
	Connection to the Base Unit has been lost.	ClickShare tries to restore the connection automatically. If this fails, the LEDs of the Button start blinking red. You should unplug the Button from your laptop and start a new.
Nothing is shown on the display at all.	The display is switched off.	Switch on the display.
	Wrong input is selected.	Select the correct input.
	The display cable is not connected (correctly).	(Re)insert the display cable to the display and the Base Unit.
	The display does not recognize or is not able to display the Base Unit output resolution.	You or an administrator should change the corresponding setting via the web interface.
	The Base Unit is in standby mode.	Briefly push the standby button on the Base Unit or plug in a Button and run the ClickShare client software.
	The Base Unit is powered off.	Check if power adapter is connected to the Base unit and to the wall outlet.

Problem	Cause	Solution
	<p>The Button's software is not compatible with that of the Base unit</p>	<p>Re-pair and update the software of the Button by inserting it in the front USB port of Base Unit.</p>
	<p>Wallpaper is disabled</p>	<p>If you connect a Button and start sharing, the content should be shown.</p>
<p>After inserting the Button into your laptop, you cannot find the ClickShare drive.</p>	<p>No automatic refresh of drives. Bad connection at USB port on laptop.</p>	<p>Refresh the view on your laptop.</p> <ul style="list-style-type: none"> <li>• Reconnect to the USB port.</li> <li>• Try another USB port.</li> <li>• Reboot your laptop.</li> </ul>
	<p>Windows tries to assign the ClickShare drive to an already reserved drive letter</p>	<p>Use Microsoft Windows Disk Management to assign it to a free drive letter.</p>
	<p>IT policy not mount USB drives</p>	<p>Contact your IT responsible.</p>
<p>Some programs of Windows are not shown on the display.</p>	<p>Use of overlays, 3D or hardware acceleration in the GPU.</p>	<ul style="list-style-type: none"> <li>• Disable overlays or hardware acceleration in the GPU.</li> <li>• Disable AeroGlass in Windows 7</li> <li>• Capture mode</li> </ul>



# Environmental information

# 5

## 5.1 Disposal information

### Disposal Information

Waste Electrical and Electronic Equipment



■ This symbol on the product indicates that, under the European Directive 2012/19/EU governing waste from electrical and electronic equipment, this product must not be disposed of with other municipal waste. Please dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

For more information about recycling of this product, please contact your local city office or your municipal waste disposal service.

For details, please visit the Barco website at: <http://www.barco.com/AboutBarco/weee>

### Disposal of batteries in the product



This product contains batteries covered by the Directive 2006/66/EC which must be collected and disposed of separately from municipal waste.

If the battery contains more than the specified values of lead (Pb), mercury (Hg) or cadmium (Cd), these chemical symbols will appear below the crossed-out wheeled bin symbol.

By participating in separate collection of batteries, you will help to ensure proper disposal and to prevent potential negative effects on the environment and human health.

## 5.2 Rohs compliance

### Turkey RoHS compliance



■ Türkiye Cumhuriyeti: AEEE Yönetmeliğine Uygundur.

[Republic of Turkey: In conformity with the WEEE Regulation]

### 中国大陆 RoHS – Chinese Mainland RoHS

根据中国大陆《电器电子产品有害物质限制使用管理办法》（也称为中国大陆RoHS），以下部分列出了Barco产品中可能包含的有毒和/或有害物质的名称和含量。中国大陆RoHS指令包含在中国信息产业部MCV标准：“电子信息产品中有毒物质的限量要求”中。

According to the “Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products” (Also called RoHS of Chinese Mainland), the table below lists the names and contents of toxic and/or hazardous substances that Barco’s product may contain. The RoHS of Chinese Mainland is included in the MCV standard of the Ministry of Information Industry of China, in the section “Limit Requirements of toxic substances in Electronic Information Products”.

零件项目(名称) 有毒有害物质或元素

Component Name Hazardous Substances or Elements

	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印制电路配件	x	0	0	0	0	0

Printed Circuit Assemblies 电(线)缆	x	○	○	○	○	○
Cables 底架	x	○	○	○	○	○
Chassis 电源供应器	x	○	○	○	○	○
Power Supply Unit 文件说明书	○	○	○	○	○	○
Paper Manuals						

本表格依据SJ/T 11364的规定编制

This table is prepared in accordance with the provisions of SJ/T 11364.

○: 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 标准规定的限量要求以下。

○: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572.

x: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 标准规定的限量要求。

x: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

在中国大陆销售的相应电子信息产品 (EIP) 都必须遵照中国大陆《电子电气产品有害物质限制使用标识要求》标准贴上环保使用期限 (EFUP) 标签。Barco产品所采用的EFUP标签 (请参阅实例, 徽标内部的编号用于指定产品) 基于中国大陆的《电子信息产品环保使用期限通则》标准。

All Electronic Information Products (EIP) that are sold within Chinese Mainland must comply with the “Marking for the restriction of the use of hazardous substances in electrical and electronic product” of Chinese Mainland, marked with the Environmental Friendly Use Period (EFUP) logo. The number inside the EFUP logo that Barco uses (please refer to the photo) is based on the “General guidelines of environment-friendly use period of electronic information products” of Chinese Mainland.



Image 5-1

## 限用物質含有情況標示聲明書 (Declaration of the Presence Condition of the Restricted Substances Marking) — Taiwan RoHS compliance

設備名稱： 影音共享控制中心， 型號 ( 型式 )： CSE-800

Equipment name: wireless presentation system, Type designation: CSE-800

限用物質及其化學符號

Restricted substances and its chemical symbols

單元 Unit	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr6+)	多溴聯苯 Poly- brominated biphenyl (PBB)	多溴二苯醚 Poly- brominated diphenyl ethers (PBDE)
印製電路板配件 Printed Circuit Assemblies	—	○	○	○	○	○
電 ( 線 ) 纜 Cables	—	○	○	○	○	○
機箱 Chassis	—	○	○	○	○	○
電源供應器 Power Supply Unit	—	○	○	○	○	○

備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。

Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。

Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. “—” 係指該項限用物質為排除項目。

Note 3 : The “—” indicates that the restricted substance corresponds to the exemption.

## 5.3 Importers contact information

### Contact

To find your local importer, contact Barco directly or one of Barco's regional offices via the contact information given on Barco's web site, [www.barco.com](http://www.barco.com).

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