

SHURE

INTELLIMIX™ FOUNDATION SYSTEM

BASE KIT FOR MICROSOFT TEAMS ROOMS

Create, deploy and manage sophisticated AV solutions for demanding collaboration spaces with this powerful Compute + Touch Panel Kit for Microsoft Teams Rooms. Ideal for custom AV system integration, the Windows-based Teams Rooms Compute with built-in IntelliMix® Room DSP is optimized for use with Shure's extensive portfolio of certified audio products. It provides unparalleled flexibility to deliver pristine audio quality in spaces that require tailored solutions. The high-resolution Touch Panel provides intuitive controls and a convenient content ingest port for effective, people-centric meeting experiences.

UNMATCHED VERSATILITY & SCALABILITY

- Paired with the Microflex® Ecosystem portfolio of networked microphones and loudspeakers, the system provides the most extensive and complete, audio-first collaboration ecosystem from a single, trusted vendor with the ability to efficiently scale and adapt if needs change.

RELIABLE PERFORMANCE & SUPPORT

- First and only Teams Room Compute with built-in DSP reduces the need for specialty DSP hardware, vastly improving audio while making integration quick and frictionless and ensuring greater reliability.
- Comprehensive, one-stop support from Shure, complemented by optional 3-year extension to standard Shure Limited Warranty provides investment protection.

SIMPLIFIED OPERATION & MANAGEMENT

- Meets enterprise-level security needs, simplifies AV / IT workflows and enables comprehensive remote and global management with cloud-based monitoring, control and updates.

+ Explore the Microflex Ecosystem at shure.com/mxecosystem for a complete overview of complementary Shure microphones and loudspeaker solutions certified for Microsoft Teams.

INTELLIMIX FOUNDATION COMPUTE

IMXCPU5

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POWERFUL AND SECURE

- Intel® 12th Gen Core i5 Processor flexibly supports various room configurations and guarantees a smooth meeting experience
- Windows 11 IoT Enterprise OS with robust Microsoft security features provides an optimized environment for calls and collaboration
- Shure Audio Encryption ensures secure audio connections between connected Shure devices

ENHANCED AUDIO PERFORMANCE

- Seamless compatibility with an unmatched range of Shure microphones and loudspeakers, easily configured with Shure Designer, supporting premium voice capture and reproduction in any space
- Class-leading IntelliMix Room software provides a full suite of DSP functions, including AEC, NR, PEQ, Matrix Mixing and more, giving installers total control to customize the audio experience for each room and user preference
- Dante® Inputs and Outputs allow to mix and match third-party Dante devices, enabling flexible system configuration and effortless scaling for all room types, sizes and applications

FLEXIBLE CONFIGURATION

- Shure Designer System Configuration Software enables qualified installers to efficiently design, deploy, and control end-to-end audio signal chains
- Supports integration with complementary third-party camera and control solutions for a tailor-made meeting room experience

REMOTE & GLOBAL MANAGEMENT

- Streamline IT workflows with real-time monitoring, control, updates, and support from anywhere, via Teams Rooms Pro Management Portal, ShureCloud, Shure Designer and integration with enterprise IT management platforms

REFINED DESIGN

- Compute discretely mounts under a table, in a credenza or behind a display, suitable for a wide variety of meeting room designs
- Lockable cover ensures clean cable management and prevents accidental unplugging of cables

INTELLIMIX TOUCH PANEL

IMXTP11-B

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CONVENIENT MEETING CONTROLS

- 11-inch, high-resolution console allows for one-touch control of the Microsoft Teams Room application
- USB-C content ingest port supports quick and simple presentation and content sharing during meetings
- PIR (passive infrared) motion sensor auto-wakes the device when someone enters the room

SIMPLE INSTALLATION & FLEXIBLE PLACEMENT

- Connects to the IntelliMix Foundation Compute via Ethernet cable for trouble-free installation
- Supports variable 20- or 40-degree orientation with an integrated kickstand, or wall-mounting with an optional accessory

SYSTEM ACCESSORIES

The IntelliMix Foundation System includes all the accessories you need for device installation and system connectivity, including a PoE+ switch to simplify networking and power management of AV peripherals.

COMPUTE & NETWORKING

- Wall mounting bracket set
- 6ft. (1.8m) Power cords (vary by region)
- (2) 10 ft. (3 m) HDMI cables to connect displays
- PoE+ network switch for AV device networking
- USB 3.0 to Gigabit Ethernet Network Adapter

TOUCH PANEL

- 25 ft. (7.6 m) Ethernet cable to connect to Compute
- 6 ft. (1.8 m) USB-C cable for content sharing and presentation

INSTALLATION CABLES

- 3 ft. (0.9 m) Ethernet cable for USB-Ethernet Adapter / Compute
- 10 ft. (3 m) Ethernet cable for corporate LAN connection
- 25 ft. (7.6 m) Ethernet cable for networked AV peripherals
- 50 ft. (15.2 m) Ethernet cable for networked AV peripherals



SPECIFICATIONS



INTELLIMIX FOUNDATION COMPUTE

GENERAL	
CPU	12th generation Intel Core i5 processor
Memory	16 GB DDR4
Storage	256 GB
Graphics	Intel UHD Graphics for 12th generation Intel processors
Operating System	Windows 11 IoT Enterprise (x64)
Software	Microsoft Teams Rooms, IntelliMix Room (8-channel)
INPUTS AND OUTPUTS	
RJ45 (LAN)	1
RJ45 (To Touch Panel)	1
HDMI Out	3
USB-A 3.0	4
Power (DC In)	1
Kensington Lock	1
POWER	
Power Supply	FSP120-ABBN3
Power Consumption	120 W max.
PHYSICAL SPECIFICATIONS	
Weight	2.4 lb. (1.1 kg)
Dimensions (W x D x H)	7.7 x 7.7 x 1.6 in. (196 x 196 x 40.17 mm)
Operating Temperature	0°C (32°F) to 40°C (104°F)
Storage Temperature	-20°C (-4°F) to 60°C (140°F)
ACCESSORIES	
VESA Mounting Bracket set	1 (includes wall bracket, screwdriver, KA3 x 30 screws (4x), expansion screws (4x))
Power Adapter	1
Power Cord	3 or 4 x 6ft (1.8m), regional variants for America, Europe and Asia
HDMI Cable	2 x 10ft (3m)
Ethernet Cables	1x 3ft (0.9m), 1x 10ft (3m), 2x 25ft (7.6m), 1x 50ft (15.2m)

INTELLIMIX TOUCH PANEL

DISPLAY	
Resolution	1920 x 1080
Frequency Refresh Rate	60 Hz
TOUCH SYSTEM	
Type	Capacitive touch
Surface Treatment	Anti-fingerprint, anti-glare
Motion Sensor	PIR sensor for automatic wake-up
INPUTS AND OUTPUTS	
RJ45 (To Compute)	1
USB-C (Content Sharing)	1
USB-A 2.0	1
Audio Out (3.5 mm)	1
POWER	
Input Power	52V DC (0.49 A) Delivered by DisplayLink over Cat6
Power Consumption	13 W max.
Cable Requirements for Compute to Touch Panel	Cat6 (shielded cable recommended)
Maximum Cable Length for Compute to Touch Panel	Shielded Cable: 200 ft (60.9 m) Unshielded Cable: 30 ft (9 m)
PHYSICAL SPECIFICATIONS	
Weight	2.8 lb. (1.3 kg)
Dimensions (W x D x H)	11.2 x 6.7 x 3.2 in. (284.51 x 169.63 x 82.33 mm)
Operating Temperature	0°C (32°F) to 40°C (104°F)
Storage Temperature	-20°C (-4°F) to 60°C (140°F)
ACCESSORIES	
USB-C Cable	1 x 6ft (1.8m)

SPECIFICATIONS



NETWORK SWITCH

GENERAL	
Model	S1600V2-6P-HPWR
Switching capacity	12Gbps
Forwarding capacity	8.93Mpps
Port Surge	6KV
Fan	None
MTBF(Year)	88.60
MTTR(Hour)	1

NETWORKING INTERFACE	
GE (PoE+)	4
GE	1
SFP	1

POWER	
Input voltage	AC: Rated voltage range is 100V to 240V, 50/60Hz.
Power Consumption	86 W (PoE 73 W) max.

PHYSICAL SPECIFICATIONS	
Dimensions (W x D x H)	5.12 x 4.88 x 1.06 in (130 x 124 x 27 mm)
Weight	40.5 kg
Operating Temperature	-5°C (23°F) to 50°C (122°F)
Storage Temperature	-40°C (-40°F) to 70°C (158°F)

USB 3.0 TO GIGABIT ETHERNET NETWORK ADAPTER

INTERFACE	
RJ45 (10/100/1000Mbps)	1
USB 3.0	1

PHYSICAL SPECIFICATIONS	
Dimensions	2.8 x 1.0 x 0.6 in. (71 x 26 x 16.2 mm)
Operating Temperature	0°C (32°F) to 40°C (104°F)
Storage Temperature	-40°C (-40°F) to 60°C (140°F)

SYSTEM CONNECTIVITY

EXAMPLE ROOM SETUP

- 1

MXA920 (2x)
- 2

MXW2X
- 3

MXW1X
- 4

MXWAPXD2
- 5

IntelliMix Foundation Compute
- 6

IntelliMix Touch Panel

7

MXP-1 (4x)

8

MXN-AMP

9

Room Camera

10

Presentation Laptop

11

PoE+ Switch

12

Enterprise network

- CAT5/6
- HDMI
- USB
- SPEAKER
- WIRELESS

