

Linking
People
Together



EP-BASE

Key Features and Benefits

- Touchscreen menu for monitoring and system set-up
- Easy pairing with the headsets using NFC
- Wall mounted for eye level operation
- Supports 4 remote transceivers
- Seamless roaming between transceivers
- Supports 40 Wireless Headsets
- Supports 2 Channels of external audio
- Transceiver can support 10 simultaneous talkers
- Ethernet connection for browser based administration and remote configuration support

The EQUIP™ wireless intercom system operates in the 5 GHz band and provides exceptional audio quality with low noise and excellent radio propagation even in challenging RF environments.

Description

The EQUIP-BASE is a wall mountable base station with a touchscreen for the set-up and monitoring of the EQUIP wireless intercom system. It is the control center for the EQUIP system to provide communication with other wireless users in production or team environments. Supports four remote transceivers powered from the base up to 500 feet. Two internal analog audio connections are provided to connect integrated wired intercom systems and external audio sources. A remote network connection facilitates updates and remote status monitoring.

Operation

The EQUIP base station is installed at eye level for easy interaction. The seven-inch color display makes it easy to connect headsets, change settings, and see battery and system health information. Users can view the status of all components from the base station display, as well as important system information such as network connectivity, transceiver RF channels and system diagnostics.

Flexibility

An EQUIP wireless system supports 40 wireless headsets when used with four distributed transceivers providing extended coverage areas with seamless roaming. Each transceiver supports 10 headsets allowing for a high density solution. Four wired audio connections allow two channels of remote audio integration when connecting to additional audio systems.

Technical Specifications

Audio

Chipset: TI AM5728, Nordic nRF52840

Memory: 32 GB eMMC, 16 Gbit DDR3L

LAN: Gbit Ethernet, RJ45

Audio Bandwidth: 100 Hz to 7 kHz

Front Panel: LCD type: 800x480 TFT w/ capacitive touch

Internal Connections: 5 RJ45, USB A, PCBA mounted power supply, Extremal Audio and GPIO phoenix terminal strips

External Connections: 4-wire audio ports - Qty 2,

GPIO - Qty 2, Speaker Output - Qty 2

Side Panel: USB C

Power Supply

Input Voltage: 100 - 240V AC

Output Voltage: 48V DC

Current: 1.88A

Power: 90W

Environmental

Operating: 32°-125°F (0°-50°C)

Storage: 32°-150°F (0°-70°C)

Humidity: Between 20% and 90%, Non-Condensing

Dimensions

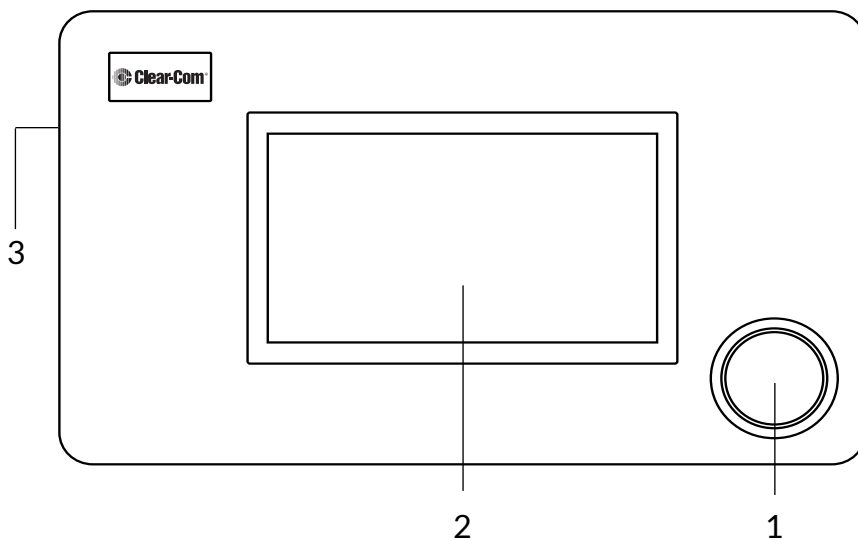
Tapered design at largest points

7.62 x 12.58 x 3.7 in (HxWxD)

(193.6 x 319.5 x 93.2mm)

Weight

3.5lbs (1.59 kg)



Legend

1. Headset Paring
2. Touch Screen Display
3. USB C

Order Code

G30238-3Z1: Base Station with power supply

PSU-00002: Base Station DC Power Supply

115G408: PSU-00002 Power Cable