

Audio, Video and
Communications
for Broadcasters



Xplorer

Wireless Intercom Beltpack

General Description

Xplorer is more than a beltpack, it's an authentic wireless intercom user panel. Based on Wi-Fi technology, it is equipped with a 4 shortcut keys user interface -arranged in pages-, another two programmable keys, and a multifunction screen. It can operate associated with an intercom matrix or as a Party-Line terminal.

WiFi technology

5G WiFi connectivity eases system installation, startup and maintenance, as it is a widely used, off-the-shelf technology deployed worldwide. It is even possible to use wireless networks that are already installed for other services.

Using managed access points, the panel uses the "roaming" function, allowing the user to move freely throughout the coverage area.

Operation with Matrixes

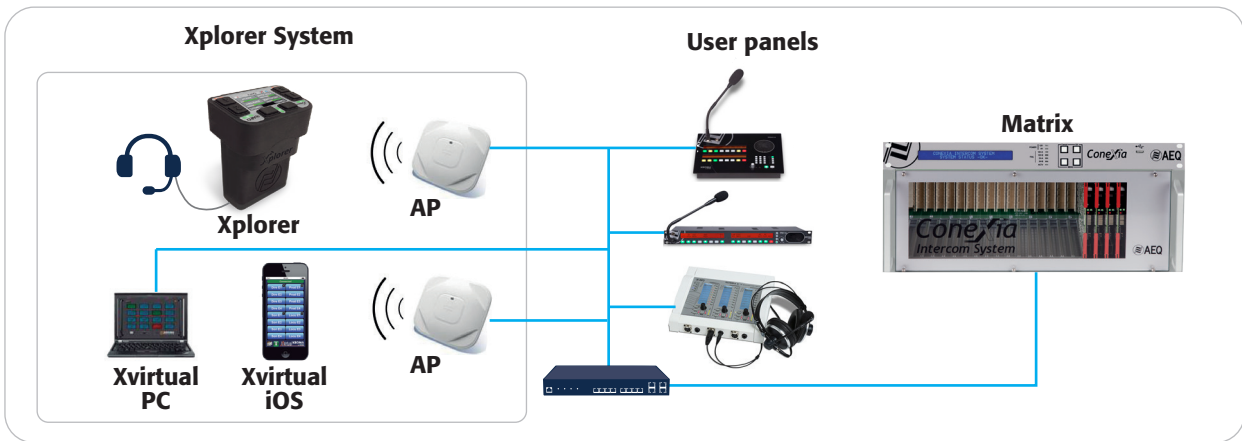
It can operate as a client of AEQ Crossnet, Conexia and TH5000 intercom matrixes. In this mode, each key can trigger any of the following commands: Talk, Listen, Talk&Listen, Remote One Way, Remote Both Ways, Remote Volume y Dial Call.

In this ecosystem, it can coexist with:

- 8000 series wired user panels.
- Olympia 3 Commentary Units.

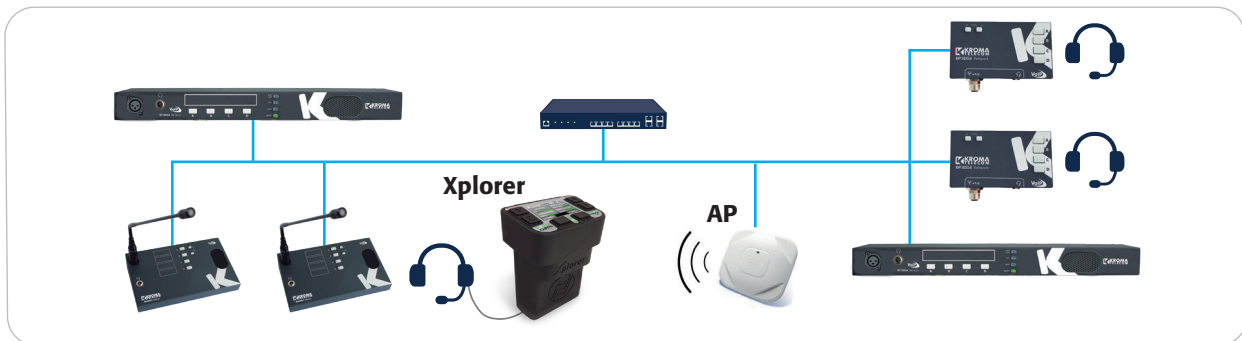
and also, through the Xvirtual application for virtual intercom user panels, with:

- wireless terminals using iOS operating systems such as iPad and Iphone.
- virtual panels using PCs or other platforms such as tablets with Windows iOS.



Party – Line mode

Xplorer can also operate in Party-Line mode, without the need for a matrix, working as a User terminal on the E@synet Party-Line System with 4 independent channels and up to 28 devices.



User interface

The Panel has 4 short-cut keys plus two programmable keys for Menu, Mute, Page Selection, and other functions. These are arranged around a multi-functional screen that shows the configured destination for each of the keys, the audio level applied for each destination, battery charge and WiFi signal levels, among other information.

It features dual, assignable gain adjustment in order to, for example, provide direct access to the main destination level adjustment, thus prioritizing the treatment of this destination.

Ergonomics

Its dimensions and weight are reduced, and it is protected against shocks and spills. The unit can be fastened to a belt or hung from a ribbon in order to carry it over the shoulder.

Xplorer can be provided with different types of headset.

Offering sufficient battery autonomy for 20 hours of work, it can be charged by means of a multiple base.

In a nutshell, Xplorer is a flexible, reliable, user friendly and robust wireless system suitable to complement all kinds of intercom systems both for television or theater production, as well as for other professional and industrial environments.



USER INTERFACE

- 1** Programmable key. By default, Mute and access Menu to configuration options.
- 2** Status indicator.
- 3** Programmable key. By default Direct Paging.
- 4** Programmable shortcut keys, or in Party-Line mode, Channel Selection.
- 5** 2.4" TFT Display.
- 6** WiFi Level indicator.
- 7** Mute indicator.
- 8** User terminal name label.
- 9** Battery level indicator.
- 10** 4 LED colour signaling indicator.
- 11** Input level indicator for each peer or destination.



OTHER ELEMENTS

- 12** Encoders: Gain for Main, Secondary and other functions.
- 13** ON/OFF Switch (underneath).
- 14** Headset connector, Tiny-QG (Mini-XLR).
- 15** Shoulder-strap anchor points so it can be carried over the shoulder.
- 16** Belt hook.
- 17** Charging connector.
- 18** Chock resistant rubber casing.



Features:

- WiFi connectivity 802.11 ac / a / b / g / n in 2.4GHz and 5GHz.
- Can work as a client belt-pack to any of the AEQ Intercom Matrices such as Crossnet, Conexia and TH5000.
- Xplorer can also operate in Party-Line mode, without the need for a matrix.
- Features of the Party-Line system:
 - 4 channels.
 - Up to 28 devices.
 - Compatible with EasyNet system.
- Selectable configuration roles when connecting the equipment to an Intercom matrix.
- Recording and playback of the last 30 seconds of the last call.
- The Front panel keys are dynamically programmable.
- Up to four pages of configuration for the four keys programmable (sixteen virtual keys).
- Menu key. Configuration options:
 - Working mode: Party-Line, or connected to matrix.
 - Audio codec selection
 - Selection of triggering level (noise gate).
 - Connection status information.
 - Send test tone.
 - Recording and playback of the last 30 seconds of the last call.
- Audio encodings: K711 (Kroma), G711 and G722, depending on the operating mode and the matrix to which it is connected.
- Key commands:
 - Talk
 - Listen
 - Talk & Listen
 - Remote One Way
 - Remote Both Ways
 - Remote Volume
 - Dial Call
- Internal antenna.
- Water splash resistant.

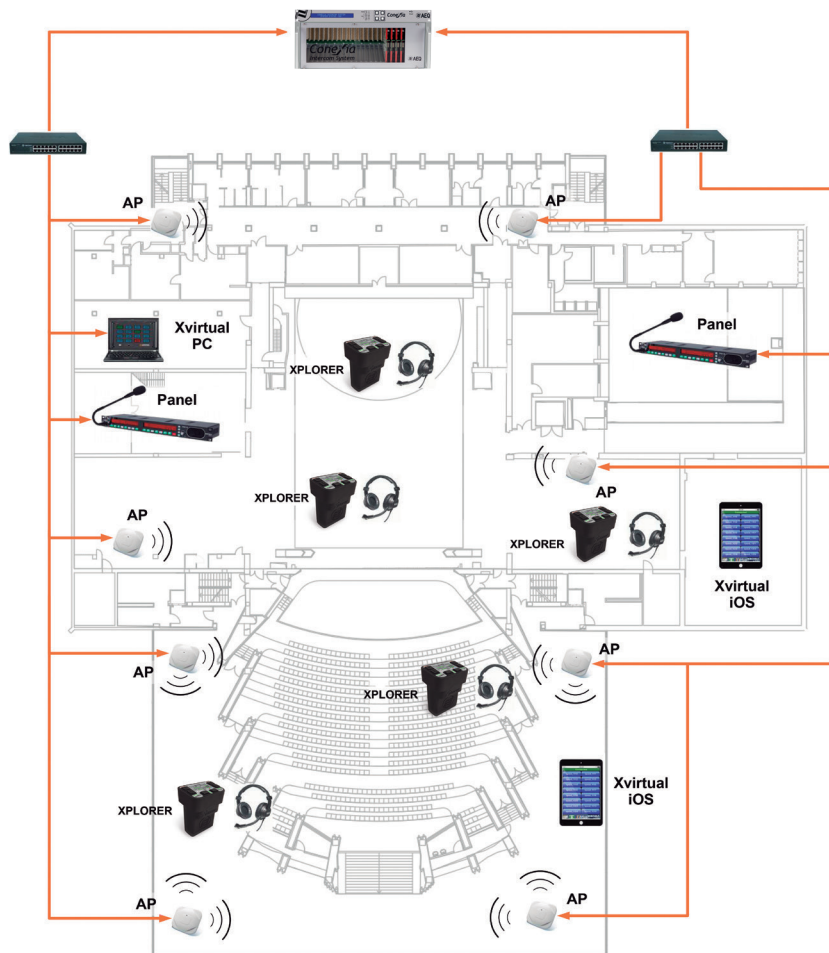
Dimensions and weight approximately:

- Width: 92 mm.
- Height: 130 mm.
- Depth: 70 mm.
- Weight: 365 gr.

Power and charge:

- High capacity internal battery: 20 h. of operation.
- Charging station for 5 Belt-packs.
- Charge time, full cycle: approximately 3 h.

An Example of a wireless intercom system at a theater



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