

TWC-703 2-Channel TW Cable Adapter

Analog Partyline Intercom Systems

Linking
People
Together



TWC-703

Key Features and Benefits

Clear-Com to TW Adapter

- Converts 2 Clear-Com Partyline channels to 1 dual Channel TW Partyline
- Translates Audio and Call signals
- Auto Termination Management
- Auto Power Protection

Used with optional PSU*

- Independently Powers TW Output
- Standalone Dual Channel TW PSU

Clear-Com Encore™ is a family of simple, effective, and robust 2-wire analog partyline devices which can be deployed as system components or whole systems of various sizes and operational complexity.

Adapt Mode: Dual Channel 3-pin TW Line

TWC-703 combines two single channels from a Clear-Com partyline system to a TW line, allowing dual channel TW segment to be added to any Clear-Com partyline system. TW connectivity provides the system with the simplicity of standard 3-pin XLR cabling when using TW compatible user stations, such as the RS-703 beltpack.

TWC-703 seamlessly converts partyline audio and call signaling between Clear-Com and TW partyline segments while passing through Clear-Com termination and power. This adapter provides an automatically managed power protection for the TW segment to protect against shorts and overload conditions.

Power Mode: Optionally Augments System Power

TWC-703 can inject power to the TW line using the optional 453G042 power supply*. Using the unit's optional DC power input, the TWC-703 can relieve the task of powering the TW line off the Clear-Com Power Supply or Main Station, enabling creation of larger systems with minimal expense and effort**.

Standalone Mode: Smallest Dual Channel Intercom

Powered with the optional 453G042 power supply* the TWC-703 can be used as a standalone TW Power Supply. In this mode, the TWC-703 automatically engages termination for the TW output and can power up to (12) RS-703 beltpacks or their equivalent.

* Sold Separately

** Remote Mic Kill from a Clear-Com Main Station is not supported in this mode.

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Technical Specifications

Front Panel Connectors

- (2) Intercom in XLR3F
- (1) TW out XLR3M
- (1) Power / Overload Indicator

Rear Panel Controls & Indicators

- (1) DC Power Connector 2.1mm Co-axial*

Power Requirements

- Input Voltage:** 20-30V DC
- Input Current (Idle):** 65mA
- Input Current (Max):** 550mA
- TW Output Current (Max):** 550mA

Environmental

- 32° to 122°F (0° to 50°C)

Dimensions

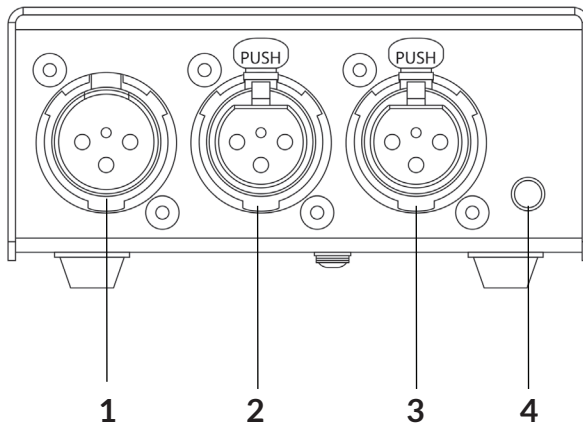
- 4 x 2 x 5in (WxHxD)
- (101 x 51 x 127mm)

Weight

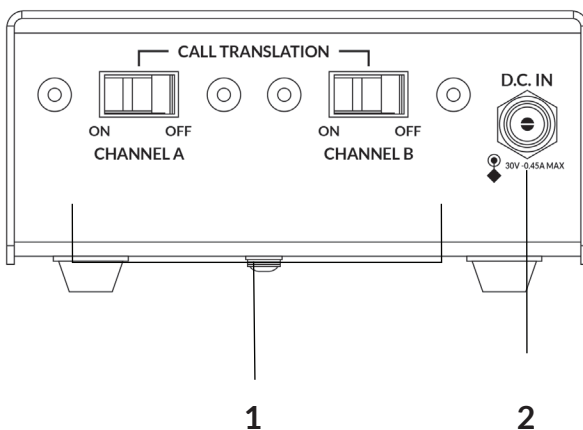
- 1.1lbs (0.503kg)

TWC-703

Front



Rear



Legend

Front

1. TW Output
2. Channel B
3. Channel A
4. Power and Overload Indicator

Rear

1. Call Signal Translation
2. DC Power*

*Optional use with ext. PSU

Order Codes

TWC-703

Optional Accessory: 453G042*

*Ext. PSU for TW power injection or standalone use