



28EXT External Emitter Adapter

INSTALLATION INSTRUCTIONS

DESCRIPTION

The 28EXT External Emitter Adapter is placed between a Xantech IR system and a list of approved electronic equipment that feature a rear panel IR input jack. These input jacks accept electrical IR commands without the carrier frequency, and are therefore not compatible with full range IR Receivers that output a carrier frequency along with the IR commands, such as all Xantech IR Receivers. The 28EXT interfaces and adapts a Xantech IR receiver to these rear panel IR inputs.

INSTALLATION

- Before making any connections:
- Confirm that the source equipment to be controlled is one of the devices in table A below.
- Table A below may indicate the need for a Wire-Swap Connector for some source units. If your device to be controlled requires this connector, make sure that it is securely plugged into the 28EXT output connector (the one with the black connector and the warning tag). Otherwise damage to your source unit or the 28EXT may occur, and such damage will not be covered under warranty.
- The 28EXT may not be compatible with non-Xantech IR Receivers and Connecting Blocks.

TABLE A:

APPLICATION #1 – XANTECH®

Models:
HDMI3x1, HDMI4x1, HDMI4x4, WIC1200

Connector marking: EXT IR or IR In

TIP	SIGNAL
RING	+5VDC Power
SLEEVE	GROUND

Wire-Swap Connector Not Required

APPLICATION #2 – GEFEN®

Model:
Any product that uses RMT-IR Extender (for example: 3x1, 4x1, 4x4 HDMI switchers)

Connector marking: EXT IR

TIP	SIGNAL
RING	+5VDC Power
SLEEVE	GROUND

Wire-Swap Connector Not Required

APPLICATION #3 – OMNIMOUNT® PANEL MOUNTS

Model: Motion52 Motorized Mount

Connector marking: R/C

TIP	SIGNAL
RING	+5VDC Power
SLEEVE	GROUND

Wire-Swap Connector Not Required

APPLICATION #4 – SIRIUS® SATELLITE TUNERS

Model:
SCH2P Sirius Connect Home Pro Tuner
Polk Audio®/Sirius SR-H1000 Home Tuner

Connector marking: IR INPUT

TIP	+5VDC Power
RING	SIGNAL
SLEEVE	GROUND

Wire-Swap Connector Required

TABLE A (continued):

APPLICATION #5 – VERIZON® FiOS™ MOTOROLA® RECEIVERS

Model:
QIP7000 Series

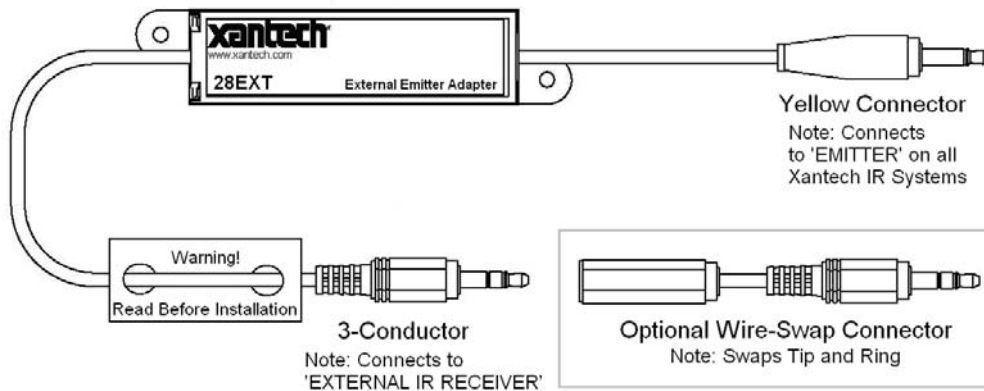
TIP	+5VDC Power
RING	SIGNAL
SLEEVE	GROUND

Connector marking: IR RECEIVER INPUT

Wire-Swap Connector Required

CONNECTIONS

- Connect the 28EXT output, using the Wire-Swap Connector if required, to the equipment's IR input.
- Connect the 28EXT input to a Xantech IR system's connecting block. The yellow plug should connect to the yellow connector (emitter connection).



**TABLE B:
28EXT Input and Output
Connector Pin Assignments:**

INPUT – 3.5mm Mono Male

TIP	IR SIGNAL IN
SLEEVE	GROUND

OUTPUT – 3.5mm Stereo Male

TIP	IR SIGNAL OUT
RING	+5VDC Power
SLEEVE	GROUND

- Make sure the source unit is on and the Xantech connecting block and IR receiver are powered.
- Direct a remote control towards the IR receiver connected to the IR system and make sure the electronic equipment responds.

Limited Warranty

Xantech® warrants its products to be free of defects in materials or workmanship. This is a Limited Lifetime warranty from the date of purchase by the original consumer. Any products returned to Xantech and found to be defective by Xantech within the warranty period will be repaired or replaced, at Xantech's option, at no charge. Xantech will not be responsible for the actual cost of installation or removal of the product, nor for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may have additional legal rights that vary from state to state.

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Document # 08905197B

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