





XANTECH IR RECEIVER APPLICATION/WIRING CHART









Model #	Description	Available In Kit Form**	Application				Termination	Extended Wiring Distances				Wiring/Application Notes
			Plasma	LCD	Flourescent Lighting	Sun Light		18AWG	20AWG	22AWG	24AWG	
291-95	 Shelf Top Unit - Plasma	Yes 29195KITRP	X	X	X	X	3.5mm Stereo Mini Plug (Tip=IR; Ring=GND; Sleeve=12VDC)	2000ft	1000ft.	600ft.	200ft.	1. To extend, either cut off 3.5mm connector and wire directly or use Xantech Model CB12 connecting Block. 2. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
291-80	 Shelf Top Unit - CFL			X	X	X	3.5mm Stereo Mini Plug (Tip=IR; Ring=GND; Sleeve=12VDC)	2000ft	1000ft.	600ft.	200ft.	1. To extend, either cut off 3.5mm connector and wire directly or use Xantech Model CB12 connecting Block. 2. CFL Version has Adjustable output IR Carrier Frequency. 38kHz - 56kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
291-10	 Shelf Top Unit -Standard	Yes 291KITRP					3.5mm Stereo Mini Plug (Tip=IR; Ring=GND; Sleeve=12VDC)	2000ft	1000ft.	600ft.	200ft.	1. To extend, either cut off 3.5mm connector and wire directly or use Xantech Model CB12 connecting Block. 2. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
780-95	 Single-Gang J-Box Mount - Plasma		X	X	X	X	4 Screw Terminal (WECO) 12VDC, GND, IR and STATUS	2000ft	1000ft.	600ft.	200ft.	1. Status Line allows illumination of STATUS LED whenever 12VDC is present on this terminal (used for 'system status' indication). 2. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC

* Kits come with IR Receiver, 789-44 Connecting Block, 781RG Power Supply and 4 283M Emitters.

** 490KITPR Comes with CB60 connecting block instead of the 789-44.

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780-80	 Single-Gang J-Box Mount - CFL			X	X	X	4 Screw Terminal (WECO) 12VDC, GND, IR and STATUS	2000ft	1000ft.	600ft.	200ft.	1. Status Line allows illumination of STATUS LED whenever 12VDC is present on this terminal (used for 'system status' indication). 2. CFL Version has Adjustable output IR Carrier Frequency 38kHz - 56kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
780-10	 Single-Gang J-Box Mount - Standard						4 Screw Terminal (WECO) 12VDC, GND, and IR	2000ft	1000ft.	600ft.	200ft.	1. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 2. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
480-80B/W	 Dinky Link - CFL			X	X	X	3-Wire Ribbon w/tinned leads	2000ft	1000ft.	600ft.	200ft.	1. Fixed IR Carrier Frequency Bandwidth 38kHz - 48kHz. Note: Might not work with some Digital Cable Set Top Boxes 2. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
480-30B/W	 Dinky Link - CFL	Yes 480BKITRP 480WKITRP					3.5mm Stereo Mini Plug (Tip=IR; Ring=GND; Sleeve=12VDC)	2000ft	1000ft.	600ft.	200ft.	1. To extend, either cut off 3.5mm connector and wire directly or use Xantech Model CB12 connecting Block. 2. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
480-00B/W	 Dinky Link - CFL						3-Wire Ribbon w/tinned leads	2000ft	1000ft.	600ft.	200ft.	1. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 2. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
490-95	 Micro Link - Plasma (Comes with Brass, White and Black Bezels)	Yes 49095KITRP	X	X	X	X	3-Wire Ribbon w/tinned leads	2000ft	1000ft.	600ft.	200ft.	1. Fixed IR Carrier Frequency Bandwidth 38kHz - 48kHz. Note: Might not work with some Digital Cable Set Top Boxes 2. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC

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			Plasma	LCD	Flourescent Lighting	Sun Light		18AWG	20AWG	22AWG	24AWG	
490-30 	Micro Link - Standard	Yes					3.5mm Stereo Mini Plug (Tip=IR; Ring=GND; Sleeve=12VDC)	2000ft	1000ft.	600ft.	200ft.	1. To extend, either cut off 3.5mm connector and wire directly or use Xantech Model CB12 connecting Block. 2. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 3. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC
490-DW 	Micro Link - J-Box (comes with Single Gang Mounting Plate)						3-Wire Ribbon w/tinned leads	2000ft	1000ft.	600ft.	200ft.	1. Supports IR Carrier Frequency bandwidth 30kHz - 100kHz. 2. CAT5 Wiring: 4 White Stripes = GND, 2 Solids = IR, 2 Solids = 12VDC

* Kits come with IR Receiver, 789-44 Connecting Block, 781RG Power Supply and 4 283M Emitters.

** 490KITPR Comes with CB60 connecting block instead of the 789-44.