



*One Room - One Cable™*



## **DXE-CAT-RX3C Architectural Specification**

### **DXE-CAT-RX3C HDBaseT Receiver w/Control:**

The DXE-CAT-RX3C shall be an HDBaseT compliant Receiver capable of receiving HDMI Video and Audio with control over a single CAT5e/6/6a shielded or unshielded cable with distances over 330ft and up to 600ft using CAT6a shielded. This unit shall include an IP based LXC web control engine capable of serving up web pages for control from any web browsing device and offer direct control of the units functions over standard IP protocols. The IP control shall be able to send RS232 and IR commands through the unit to control any Serial or IR controllable device. The unit shall be capable of de-embedding any 2-channel audio being passed to the unit with individual volume control via RS232 independent of the amplifier volume level. This de-embedded audio output shall be accessible via a balanced line-level output on a removable four (4) post Euro-style screw terminal on the rear of the unit. The unit shall have a two (2) channel balanced line-level audio input for incorporating background/mic/paging signals. This audio input shall be independently controllable via RS232 for level allowing it to be mixed into the programming material. The unit shall have two (2) normally open relays controllable via serial RS232 for toggle and discrete open or closed functions. The relays shall have a max current rating of one (1) Ampere at 24vDC. The unit's serial control shall be able to be connected directly to the unit or passed over the HDBaseT CAT cable from the transmitter side. The unit shall have two (2) RJ45 10/100BaseT LAN connections . The unit shall be powered by a single 90 watt power supply and be capable of sending power back down the HDBaseT CAT cable to power any Aurora HDBaseT Transmitter. The unit shall also be able to be powered without any physical power supply by using a single PoE connection minimizing AC power requirement at the display. The unit shall be mountable via angle brackets affixed to the side of the unit allowing it to be wall or surface mounted. All useable connections should be accessible on the rear of the unit only.



*One Room - One Cable™*



**DXE-CAT-RX3 Specifications:**

<b>Technical</b>	
Max Distance	600ft
Max Resolution	1080p 60Hz
Color Depth	48bit 330ft (CAT5e)24bit 600ft(CAT6A)
HDMI	1.4 3D
<b>Mechanical</b>	
Dimensions	215mm x 97mm x 33mm [8.46"L x 3.82"W x 1.3"H]
Weight	2 lbs
Power supply	24V 24 Watt or 24V 90 Watt DC (Required on amplifier models)
Mounting	Wall Mount
Operation temperature	0~40°C [32~104°F]