

# BLUSTREAM

HDMI DISTRIBUTION WITHOUT COMPROMISE



## Transmitter & Receiver Compatibility Guide



	distance at 4K HDBaseT output	PoC from HDBaseT output	PoC be disabled on	HEX70SL-RX (12v)	HEX11WP-RX (12v - 24v)	HEX70CS-RX (12v)	HEX100CS-RX (12v)	RX70CS (12v - 24v)	RX70CSL (12v - 24v)	RX150CS (12v - 24v)	RX18G (24v)	
AMF42AU	40m	12v	YES		<input type="checkbox"/>			<input checked="" type="checkbox"/>				For 18Gbps CSC and ARC use RX70CS
C44CS-KIT	40m	12v	YES					<input checked="" type="checkbox"/>				Kit supplied with 4x RX70CSL receivers
C66CS	40m	12v	YES	<input type="checkbox"/>				<input checked="" type="checkbox"/>				For 18Gbps CSC use RX70CS
C88CS	40m	12v	YES	<input type="checkbox"/>				<input checked="" type="checkbox"/>				For 18Gbps CSC use RX70CS
HMXL42ARC-KIT	40m	24v	YES					<input checked="" type="checkbox"/>				Kit supplied with 2x RX70CS receivers
HMXL44ARC-KIT	40m	24v	YES					<input checked="" type="checkbox"/>				Kit supplied with 4x RX70CS receivers
HMXL66ARC	40m	24v	YES					<input checked="" type="checkbox"/>				
HMXL88ARC	40m	24v	YES					<input checked="" type="checkbox"/>				
PRO-OUT2TCS	40m	24v	YES					<input checked="" type="checkbox"/>				
PRO-OUT4TCS	70m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					Can use HEX70CS-RX where under 40m of CAT. No CSC with HEX70SL-RX or HEX11WP-RX
PRO-OUT4HTCS	70m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					Can use HEX70CS-RX where under 40m of CAT. No CSC with HEX70SL-RX or HEX11WP-RX
PRO-OUT2TL-V2	70m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					Can use HEX70CS-RX where under 40m of CAT. No CSC with HEX70SL-RX or HEX11WP-RX
PRO-OUT4TL-V2	40m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>						No CSC with HEX70SL-RX or HEX11WP-RX
PRO-OUT4TLS-V2	40m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>						No CSC with HEX70SL-RX or HEX11WP-RX
PLA88CS	40m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>						No CSC with HEX70SL-RX or HEX11WP-RX
HMX44-18G-KIT	40m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>						No CSC with HEX70SL-RX or HEX11WP-RX
HMX88-18G	100m	24v	YES					<input type="checkbox"/>		<input checked="" type="checkbox"/>		Use RX150CS for all features. RX70CS for 40m @ 4K distance, IR, RS-232 and ARC
HSP14CS	100m	24v	YES							<input checked="" type="checkbox"/>		Kit supplied with 4x RX18G receivers. CAT6A required
HEX11WP-TX	100m	24v	YES							<input checked="" type="checkbox"/>		CAT6A required
HEX31WP-TX	40m	12v	NO	<input type="checkbox"/>		<input checked="" type="checkbox"/>						Can use HEX70SL-RX where 18Gbps not required
SW41HDBT	40m	12v	NO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Use HEX70CS-RX or RX70CS if RS-232 pass-through required
	40m	12v	NO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Use HEX70CS-RX or RX70CS if RS-232 pass-through required
	40m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>				Use RX70CS if 18Gbps CSC or RS-232 pass-through required

Indicates the recommended Blustream HDBaseT receiver/s

Indicates compatible Blustream HDBaseT receiver/s

	distance / output	PoC input HDBaseT	PoC be disabled on		HEX70CS-TX (12v)	HEX70SL-TX (12v)	HEX31WP-TX (12v - 24v)	HEX11WP-TX (12v - 24v)		TX150CS (12v - 24v)	
PLA88CS	100m	24v	YES		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>		
PRO-IN2H2TCS	70m	NO	n/a					<input checked="" type="checkbox"/>		HDBaseT input card does not provide PoC to the Transmitter unit	
SW41HDBT	40m	12v	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				Auto-switching capabilities can be used with HEX31WP-TX	

Indicates the recommended Blustream HDBaseT transmitter/s

Indicates compatible Blustream HDBaseT transmitter/s

**Please note:** standard interoperability of the Valens IC for HDBaseT will mean that most HDBaseT transmitter and receiver equipment can be connected to obtain HDMI signals up to 10.2Gbps (4K 60Hz 4:2:0 / 4K 30Hz 4:4:4), embedded audio, InfraRed, and RS-232 pass-through. Colour Space Conversion (CSC) is a protocol Blustream implements to allow for 18Gbps signals to be supported over the standard 8Gbps link in HDBaseT Specifications 1.0 and 2.0 - this will not be interoperable with other manufacturers equipment. Blustream uses PoC (Power over Cable) which is not the standard format for power in HDBaseT (PoH). Using a power scheme not compatible, or differing PoC voltages when mixing products, can lead to product failure and damage to equipment. The PoC voltages of Blustream equipment are all listed in the above table. The Blustream EX40B and CEX4K extenders do not feature HDBaseT technology and are not compatible with any other Blustream products.