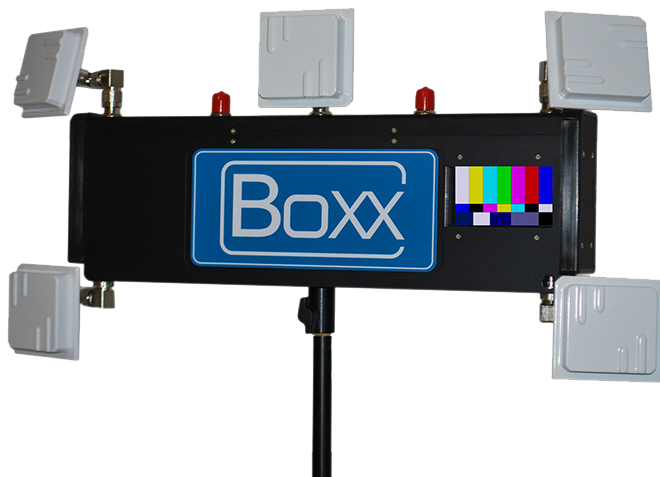


MERIDIAN BROADCAST SYSTEMS

Meridian Broadcast systems have been designed with a high-end customer in mind. Broadcast Receivers are used in conjunction with Meridian Transmitters to provide solutions for a range of challenging production requirements.

Meridian Broadcast Receivers include a range of features and accessories allowing for optimal setup and fine-tuning of the Broadcast system during operation. The system provides a comprehensive user interface via a touchpad along with a LCD monitor for local monitoring and real-time feedback on antenna levels for use on live productions.



FEATURES

- Zero frame latency (<1 millisecond)
- HD-SDI, SDI, composite video input
- 5.1 - 5.9GHz licenced, and licence-exempt band
- Extremely high quality 4:2:2 video transmission
- Signal strength meter on each antenna
- Switch between Anton Bauer and V-Lok plates

Now Includes:

- SDI Loop Through on Transmitter
- Dual SDI output on Receiver
- 4.3 inch LCD Monitor on Receiver

Transmitter Specifications

Latency:	<1 millisecond
Video input:	HD-SDI, SDI, composite
Format:	Up to 1080 60i
Audio output:	2 channels embedded and balanced analogue line-level
Transmission method:	Pixel Prioritisation Protocol
RF Power Output:	Up to 100mW
Modulation:	OFDM
Bandwidth:	20MHz
Frequency:	5.1 - 5.9GHz
Antennas:	4 x RP-TNC connectors
Firmware:	Upgradable via USB port
Control:	Configuration via LCD touch screen
Power:	6.5 - 32V DC 9Watts via 4-pin Hirose
Size:	Approx. 145mm x 155mm x 38mm
Weight:	1kg
Temperature Range:	-5° to 50° C
Made in:	United Kingdom

Broadcast Receiver Specifications

Latency:	<1 millisecond
Video Output:	Dual SDI, HD-SDI, composite
Format:	Up to 1080 60i
Audio Output:	Embedded and 2 channels balanced analogue line-level
Down-converter:	Any HD format simultaneously converted to PAL or NTSC
Transmission Method:	Pixel Prioritisation Protocol
Modulation:	OFDM
Bandwidth:	20MHz
Frequency:	5.1 - 5.9GHz
Antennas:	5 receive N-TYPE
Firmware:	Upgradable via USB port
Range:	Up to 150 metres line-of-sight for Broadcast use
Channel Select:	Automatic or manual
Control:	Configuration via LCD touch pad
Power:	6.5 -18V DC 9Watts via 4-pin XLR
Antenna Ports:	N-TYPE
Temperature Range:	-5° to 50° C
Mounting:	Light stand spigot or 1U Rack Mount
Made in:	United Kingdom