



# MERIDIAN

## Portable Receiver

The Meridian wireless microwave broadcast system is designed for high quality, zero delay HD and SD live transmission offering an affordable alternative to traditional COFDM systems.

Meridian portable receivers are designed to be lightweight, compact and are available with either an Anton Bauer, V-Lok battery mount or without battery plates.

The antenna configuration of the Portable Receivers allows the operator to utilise a range of different antennas to optimise performance in a variety of environments.

### Features

- Zero frame latency (<1 millisecond)
- 5.1-5.9GHz licence exempt band
- Extremely high quality 4:2:2 video transmission
- Embedded time code transport
- Manual or automatic channel select
- Switch between multiple cameras
- Simultaneous HD downconverter/scaler
- Lightweight design
- Headphone monitoring



### Specifications

Latency:	<1 millisecond
Video output:	SDI, HDSDI, component SD/HD, composite
Format:	SDI-SMPTE, PAL, NTSC, HDSDI-SMPTE up to 1080i
Audio output:	Embedded and 2 channels balanced line analogue level (simultaneous output) 2 headphone monitor outputs
Downconverter:	HD format converted to PAL or NTSC
Time Code:	Embedded time code transported over link
Transmission method:	Pixel Prioritisation Protocol
Modulation:	OFDM
Bandwidth:	20MHz
Frequency:	5.1GHz - 5.9GHz
Range:	Up to 60 metres with on-board antennas Up to 200+ metres with hi-gain antennas
Antennas:	5 x RP-SMA connectors
Channel select:	Automatic or manual
Firmware:	Upgradable via USB port
Control:	Configuration via LCD touch screen
Power:	6.5 - 18V DC 9 Watts on 4 pin Hirose
Size:	Approx. 145mm x 155mm x 38mm
Temperature Range:	-5° to 50° C
Made in:	United Kingdom

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