

SOLO2 – Broadcast Hand Held Receiver

COFDM – Video, Audio Telemetry and IP Products

COBHAM

October 2011 Data Sheet

The most important thing we build is trust



The SOLO2 Broadcast Hand Held Receiver - a Cobham Tactical Communications and Surveillance product with Cobham technology at its core - is a fully portable digital diversity receiver.

It incorporates a high resolution, daylight viewable screen, with a diversity digital receiver, antennae and clip-on batteries, into a robust, lightweight housing. This makes it ideal for use as a confidence or monitoring receiver at outside broadcast and sports events, or as a directors' viewing tool.

The SOLO2 Broadcast Hand Held Receiver is supplied with two long life batteries, for rapid interchange, and also a battery charger. With its comprehensive on-screen display diagnostic capability to show link quality and spectrum it enables users to optimise transmission performance, making it ideal for use in locations such as stadiums and studios, or as a film assist receiver on film

set locations.

Features:

- Fully featured 8/7/6MHz demodulation
- Interoperable with other manufacturers
- Maximum ratio combining antenna diversity
- High Resolution Display
- Easy use menu display for channel changing.

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Specification:

Input

RF Input 1	Quick Lock
RF Input 2	Quick Lock
Power	Lemo

Output

Composite Video I/O	BNC
Stereo Line Level Audio	Lemo
RS232 Control	Lemo

RF

Frequency Bands	2.20 to 2.55GHz
Tuning Steps	250KHz

Modulation

DVB-T Bandwidth	8/7/6MHz
DVB-T Guard	1/32, 1/16, 1/8, 1/4
DVB-T FEC	1/2, 2/3, 3/4, 5/6
DVB-T Modulation	QPSK, 16QAM, 64QAM
Sensitivity	-95dB plus

Video

Line Standard	PAL/NTSC
Resolution	704, 528, 480, 352
Coding Mode	MPEG2
Delay	80ms
Test Pattern Generation	Yes

Screen

Resolution	800*480
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Audio

Output	Line Level
Sample Rate	32KHz
Format	MPEG Audio 384Kb/s to 64Kb/s mono or stereo

Control

Remote Control	RS232 Control from PC GUI Application
Local Control	Touch buttons for on screen menu
On Screen Display	Spectrum, RX SNR, RX Power

Physical

Dimension	L 300mm, W 50mm, H 150mm
Weight Base Unit	3kg

Power

DC Input	11 to 13V Reverse Polarity Protected
Power Consumption	15W depending on mode

Environment

Temperature Range	-10 to +50 deg C
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Product Code:

SOLHHRX-450500	Handheld Receiver Kit
SOLHHRX-200250	Handheld Receiver Kit
SOLHHRX-150200	Handheld Receiver Kit
SOLHHRX-100150	Handheld Receiver Kit

Product Code Includes

- 2 x Antenna
- 2 x Integral Down Converters
- 2 x Battery
- 1 x Integral Battery Charger
- 1 x Combined Audio/Control Cable
- 1 x Neck Strap

Accessories Options

None

Licensing Options

None

For further information please contact:

Cobham Tactical Communications and Surveillance

The Cobham Centre – Solent
Fusion 2, 1100 Parkway
Solent Business Park
Whiteley
Hampshire, PO15 7AB
England

T: +44 (0)1489 566 750
F: +44 (0)1489 880 538
css.sales@cobham.com

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