



RX1 | Monitoring Receiver

RX1

RBRX1

The RX1 applies BW Broadcast's RF and audio DSP technology know how to this new range of products to achieve unprecedented RF and audio performance, as well as access to typically hidden RF and audio settings. This allows optimisation of the listening experience, whether used for monitoring radio stations to adjust processing, evaluating the competition, or pure pleasure.

Adjustments are provided for over 50 parameters, including audio and IF bandwidths, de-emphasis and blending for stereo, HF and ultrasonic noise. Control of blending levels and attack & release times is also possible. All adjustments, plus factory presets and user stored settings, can be accessed from the front panel or via Ethernet and serial connections.

- Adjustment of over 50 parameters
- Control of blending levels and attack & release times
- Factory presets and user stored settings
- Ethernet and serial connections for remote control

*A seriously capable receiver
Ideal for critical monitoring
applications to adjust processing,
evaluate the competition, or pure
listening pleasure.*

RF PERFORMANCE

Frequency Range 87.5 to 108.5MHz

IF bandwidth 10.7kHz

IF filter 10.7kHz

Many receiver manufacturers quote static specifications based on ideal conditions. With the RBRX1, the inner 'black box' workings of the NXP DSP demodulator are proprietary.

With its patented Sony noise reduction and BW Broadcast's audio processing technologies, the RBRX1 is continuously adjusting the radio and audio behaviour for optimum performance under given conditions.

For these reasons, specifications are meaningless and have been omitted here. Audio performance and selectivity are market leading.

We advise customers to conduct their own evaluations - a demonstration of this renowned award winning rebroadcast receiver is recommended.

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

Minimum detectable signal 10µV

ANALOG OUTPUT

Analog output -12 to +24dBu

Connectors XLR floating, EMI suppressed

D/A conversion 24 bit 48 kHz 128x oversampled

DIGITAL OUTPUT

Sampling rate 32kHz, 44.1kHz, 48kHz

Connector XLR floating, EMI suppressed

CONNECTIVITY

Remote interface Ethernet (web browser) and RS232

Antenna socket BNC

OTHER

Mains Supply 110-240 VAC

Power Consumption 8 Watts

Power-on delay 6 seconds

Size 44mm x 482mm x 200mm

Weight 1.6kg



RX1 | DSP FM Monitoring Receiver

