

## RBRX1 | Re-broadcast Receiver



The RBRX1 applies BW Broadcast's RF and audio DSP technology 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 for monitoring to adjust processing, evaluating the competition, or pure pleasure.

Add the multitude of IO and control and the RBRX1 is like no other re-broadcast reciever. If you have a critical translator/relay you need an RBRX1.

- 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
- DSP enhanced MPX output
- RDS PI code checking to prevent hijacking or jamming of repeater
- Silence detection and source switching technology
- 2GB of internal audio backup
- Built-in RDS encoder

We are shocked with the difference in performance and in reception with the RBRX1 compared to our previous receiver. I don't know what little magic is going on in there to make the reception so much better, but I'm a fan.

Chief Radio Engineer, USA

Frequer	ncy Range	87.5 to 108.5M
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140.11 140.11 140.61	Many receiver manufacturers quote specifications based on ideal conditions. W RBRX1, the inner 'black box' workings of th DSP demodulator are proprietary.	Vith the
Capital Capital Capital Repos	With its patented Sony noise reduction of Broadcast's audio processing technologi RBRX1 is continuously adjusting the rad audio behaviour for optimum performance given conditions.	es, the io and
For these reasons, specifications are meaningless and have been omitted here. Audio performance and selectivity are market leading.		
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All strength	en deren platinjester	3.80
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	GOUTPUT	

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



**RBRX1** | DSP FM Re-broadcast Receiver