



bw broadcast

**For Immediate Release**

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## **Audiophile-Quality DSP FM Tuner Sets New Standards in Rebroadcast Applications**

***—BW Broadcast RX1 and RBRX1 provides full access to all audio and RF  
parameters—***



**Croydon, UK**—BW Broadcast announces the RB1 and RBRX1 DSP based analogue FM tuners with advanced features for professional use, along with sound quality that will please the most discriminating audiophile. Available fourth quarter of 2009, these tuners will be previewed on the BW Broadcast stand 8.E71 at IBC 2009..

The RB1 and RBRX1 applies BW'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 optimization of the listening experience, whether used for monitoring radio stations to adjust processing, evaluating the competition, rebroadcasting or pure pleasure.

Adjustments are provided for over 50 parameters, including audio bandwidth, IF bandwidth, de-emphasis, stereo, HF and ultrasonic noise blending, and blending attack/release times. All adjustments, plus factory presets and user-stored settings, can be accessed via Ethernet and serial connections.

"We love listening to analogue FM," said BW's president Scott Incz, but we could not find an FM tuner to match the performance of our transmitters. So we designed it! The great looking OLED and Cap-touch front panel interface of the models includes comprehensive metering plus a headphone jack."

For retransmission applications, the RBRX1 version adds DSP-enhanced MPX output that reconstructs a clean, peak-level and bandwidth limited waveform, eliminating worries about studio-transmitter link overshoots. RDS PI code checking prevents translators and repeaters from being hijacked or jammed. Plan B silence detection technology automatically switches from to either of the analogue and AES/EBU digital inputs, or to the built-in flash memory to keep broadcasting in the event of reception loss.

### **About BW Broadcast**

BW Broadcast has been known for more than 10 years for our innovations in low-power FM transmission, RDS encoders and processors for FM, AM, HD Radio and Internet broadcasting.

Our advanced technology can be found across the globe in radio stations and broadcast facilities that know that they must have the most reliable equipment. A number of other manufacturers also use the expertise of our BW Broadcast engineers by contracting us to design custom modules to enhance their products.

When you are ready to join the thousands of satisfied BW Broadcast users, you can make your purchase from our network of helpful dealers around the world.