



Technical Bulletin

June 29, 2010

BROADCAST ELECTRONICS TECHNICAL SERVICES

Recipients of this Technical Update receive notices from BE Customer Service on product updates and other information for users of BE equipment.

BE SUPPORT AudioVAULT/Digital Studio Products

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Radio Transmitters & RF Products

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Software Update Available for RDi 20, Version 0.161



On June 23rd, 2010, Broadcast Electronics released new [RDi 20 RDS Generator Software Version 0.161](#).

The software update is available from the Broadcast Electronics Technical Services website in the Registered User Section at:
http://www.bdcast.com/support/registered_user.php

Instructions are included in the downloadable zip file. The *RDi 20 Firmware Upgrade Application Guide* will provide upgrade assistance.

Please contact the Technical Services department by phone at 217.224.4700 or e-mail service@bdcast.com if additional assistance is required.

Summary of features and enhancements for 0.161:

1. Watchdog Timer implemented. The Watchdog routine will detect changes to the DAC control registers and rewrite the correct values to restore proper operation. This will specifically aid the recovery after a brown-out or excessively high static discharge condition.

Designed and manufactured in the United States, the RDi 20 Accelerated RDS Generator is a key component of the BE Messagecasting line.

Unique features of the RDi 20 include the ability to increase the rate at which receiver RadioText is refreshed. RadioText is the 64-character message display available on more sophisticated receivers. When an event occurs, such as a new song starting, the RDi 20 can decrease the time necessary for new information to be displayed.

The RDi 20 also includes comprehensive front-panel controls and status display, eliminating the need to drag a PC to the transmitter to adjust settings. Actual RDS content is displayed on the unit's display to confirm what the listener will see.

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