

## NE IBOC FM HD Radio Signal Generator and Auxillary Unit

When paired with the M50 Direct-to-Channel digital FM exciter, the NE IBOC provides a hybrid FM+HD Radio signal or a fully digital HD Radio signal.



### Featuring:

Fully compatible with M50 Direct-to-Channel digital FM exciter.

Operation in either HD Radio only or FM+HD Radio modes.

All user adjustments available from 640 + 480 touch screen interface which includes:

- Home page display of exciter configuration
- Convenient sub menus for all setup adjustments
- Alarm display for fault condition with sub menu for detailed fault diagnostics
- System status log provides 3-second updates XLR connectors on rear panel or convenient interface to broadcast plant.

Industry standard PS/2 connectors for external keyboard and mouse.

Standard 5U 19" EIA rack mountable for easy installation in existing racks.

Digital auxillary unit including:

- GPS antenna
- GPS synchronization
- Built-in AES/EBU relay switching
- Valid AES data indicator
- 44.1 kHz clock with indicators
- Rate converter

M50 Direct-to-Channel Digital FM Exciter

NE IBOC FM HD Radio Signal Generator

NE IBOC Auxillary Unit

### Dimensions:

**NE IBOC FM HD Radio Signal Generator:**  
19 inches W x 7 inches H x 22 inches D  
(48 cm W x 17.78 cm H 56 cm D)

**NE IBOC Auxillary Unit:**  
19 inches W x 3,5 inches H x 22 inches D  
(48 cm W x 8.89cm H 56 cm D)

