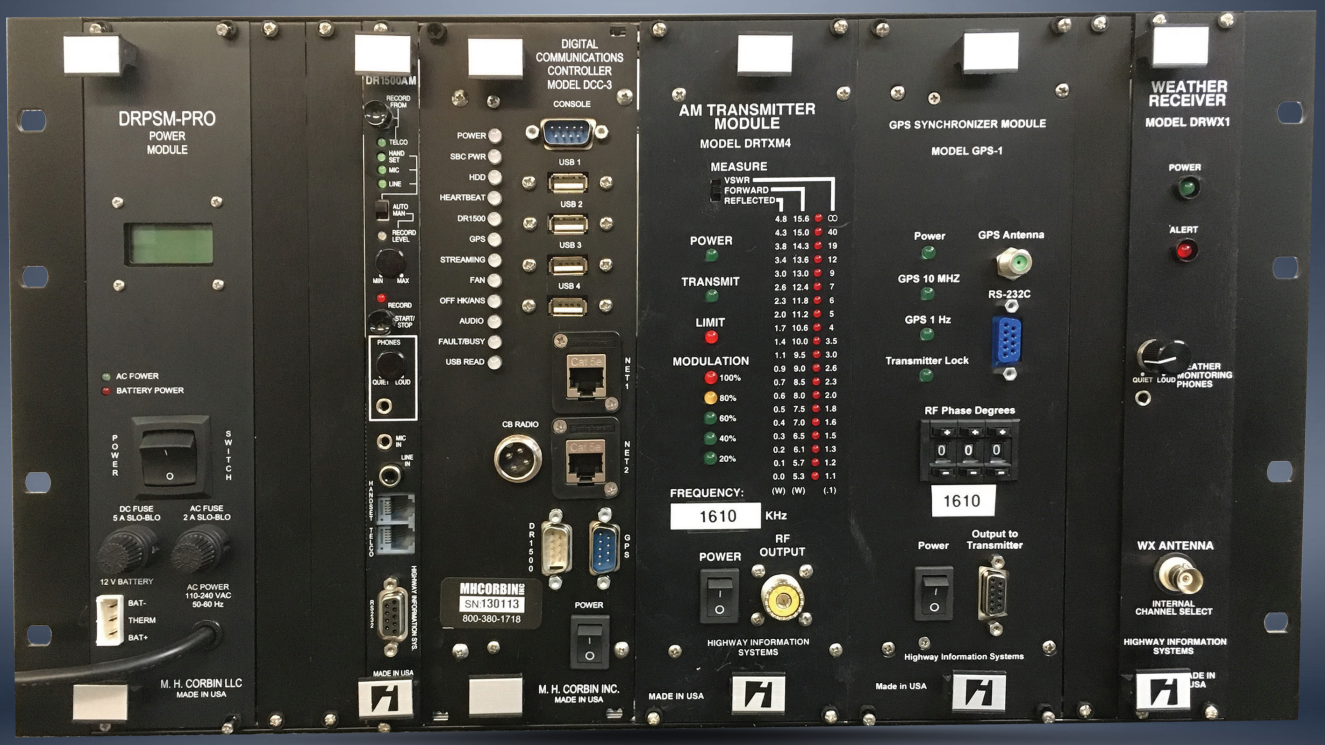
BlackMax® HAR Station

HIGHWAY INFORMATION SYSTEMS



UPGRADEABLE AND COMPONENT BASED HIGHWAY ADVISORY RADIO SYSTEMS

The BlackMax HAR Station is the electronic unit for the MH Corbin Highway Advisory Radio (HAR) system. It supports multiple components, allowing you to add or upgrade your HAR without replacing the entire system.

By utilizing the BlackMax HAR Station, Highway Advisory Radio systems can be customized to fit any need and provide motorists with the most up-to-the-minute travel and weather information by broadcasting audio messages directly to any AM radio in a specified range.

The sleek design of the BlackMax HAR Station puts all the controls up front for easy access. The rack mounted component based system lets the user build a unit to suit his or her needs, leaving room to accommodate future modules. Simply remove an old module and install a new one, or add the latest technology – all in just minutes.

MODEL
BMX

Platinum Software Compatible

MH CORBIN LLC
Highway Information Systems

BlackMax® HAR Station

- Modular design provides structure allows upgrades as to build the system with low upfront costs
- Designed for permanent or portable systems
- Electronics housed in a Eurocard cage (19" rack)
- Optional extender card simplifies troubleshooting
- 1 or 5 year warranty options available
- Rugged construction for harsh weather conditions
- Digital or analog communications options

TECHNICAL DATA AT-A-GLANCE

Power Supply | DRPSM-PRO	STANDARD
Automatically switches from A/C to D/C when needed Meters power for troubleshooting.	
Input Power	110VAC to 240VAC, switch selectable
Input Frequency	40 – 60 Hz, switch selectable
Output Power	13.6VDC@5A, 10A maximum

DR1500 AM Recorder / Player | DR1500AM	STANDARD
80 min. recording capacity, 999 message slots, 24 playlist Provides monitoring and status capability.	
Interface, Ports	RS-232, Parallel Port, Analog Handset

Digital Communications Controller | DCC3	OPTIONAL
Provides Ethernet (TCP/IP) communications, monitoring and status capability for HAR Systems.	
Interface, Ports	RJ45 (2 ea), USB (4 ea) and DB9

Transmitter | DRTXM4	STANDARD
Highest efficiency transmitter available Comprehensive metering on front panel	
RF Output	0 to 10W as allowed by FCC
Audio Distortion	<1.5% from 200Hz to 3.5kHz
FCC Certification	O2Q-DRTMX4

Transmitter Control Module | TCM1*	OPTIONAL
Boost transmitter output by up to 30W.	
Power	110VAC or 10-14VDC

GPS Synchronizer Module | GPS1	OPTIONAL
Allows for synchronized broadcasts throughout an HAR Network. *Platinum Software compatible*	
Power	10VDC to 14VDC at less than 2A

Weather Receiver | DRWX1	OPTIONAL
Provides up-to-the-minute weather information directly from the National Weather Service.	
Weather Alert	Detects 1050 Hz tone

Distributed by:

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General details for this product are subject to change without notice to reflect improvements and upgrades. MH Corbin, LLC warrants this product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of purchase.

**FCC Rule 90.242 specifies limits for HAR broadcasts. The TCM-1 can exceed FCC limitations.*

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