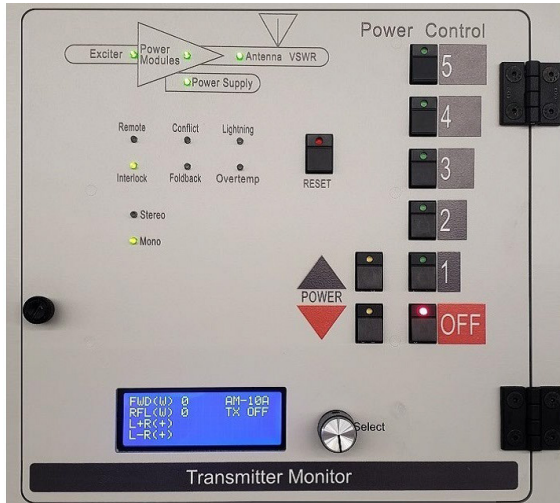


ECU+ Control System Upgrade

For New and Existing BE AM Series Transmitters



The ECU+ is a cost-effective control system upgrade available standard on all new BE AM transmitters and as a simple retrofit for all existing AM-A Series transmitters. Same trusted hardware. Dramatically upgraded control.



Why ECU+

Your existing BE AM transmitter is a long-term investment. The ECU+ upgrade means you do not have to replace it to gain modern monitoring, remote control, and network connectivity capabilities.

ECU+ is currently shipping and in the field on both new and existing BE transmitters. Installation is straightforward. The upgrade includes an updated front panel and control module.

COMPATIBLE TRANSMITTER MODELS

- AM 500A
- AM 1A
- AM 2.5A
- AM 2.5E
- AM 5A
- AM 5E
- AM 6A
- AM 10A

Key Capabilities

- Updated front panel with easy-to-read LCD display
- HTML5 browser-based GUI for control and monitoring from anywhere in the world
- IP connectivity via integrated RJ-45 for secure connection to any IP network
- SNMP v3 interface for streamlined integration with modern remote-control systems
- Integrated scheduling for automated power changes based on time-of-day criteria
- Comprehensive event log storing the 500 most recent transmitter activities, operations, and faults
- Detailed diagnostics and simplified routine maintenance
- Eliminates time-consuming wiring with modern SNMP connectivity

SNMP V3 Connectivity

The ECU+ includes SNMP v3 interface support, providing simple and streamlined connectivity to modern remote-control systems. For stations managing multiple transmitters across multiple sites, SNMP integration eliminates time-consuming point-to-point wiring and simplifies network-based monitoring and control. SNMP v3 is the industry standard for secure network equipment management. ECU+ brings your existing AM transmitter fully into your IP infrastructure.

Protect your long-term investment. Upgrade your capabilities. No need to start from scratch.

**500W
to
10kW**

Compatible across the full AM-A Series range

500

Event log captures the 500 most recent transmitter activities

50%+

Energy savings possible with MDCL+ upgrade

**Simple to
Install.**

30 MINUTES!

**Ready to
Ship.**

Browser-Based GUI and Front Panel Interface

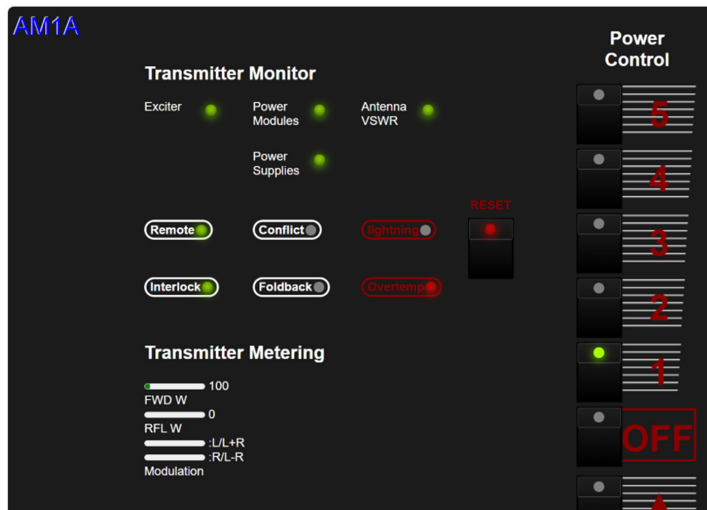
The ECU+ HTML5 graphical user interface provides full transmitter monitoring and control from any standard browser, anywhere in the world. The redesigned front panel brings a clear LCD display and intuitive controls to the transmitter site.

Pair ECU+ with MDCL+ for Maximum Saving

MDCL+ (Modulation-Dependent Carrier Level) works alongside ECU+ to deliver energy savings of 50% or more for most AM stations. A typical 10kW AM station operating 24 hours a day at 20 cents per kWh can save more than \$12,000 every year.

Stations in Alaska and Hawaii with higher electricity rates may see up to four times greater savings.

The AM carrier uses 66% of transmitter power yet delivers no useful audio information. MDCL+ dynamically adjusts carrier power based on audio content, reducing consumption without impacting audio quality.



The screenshot shows the TX Event History table. It includes a 'Page 1 of 2' indicator and a table with columns for DATE, TIME, and EVENT DESCRIPTION. The table lists various events such as RTC Date Set, RTC Time Set, RTC Battery Fault, Bootup, Primary DC Power Restored, Primary DC Power Loss, RTC Battery Fault, Bootup, Login Credentials Changed, and Static IP Changed. At the bottom, there is a 'Latest Event: 04/01/2024 06:37:48' and navigation buttons for Home, Export, and Clear.

DATE	TIME	EVENT DESCRIPTION
04/01/2024	06:37:48	RTC Date Set
03/22/2024	06:37:30	RTC Time Set
03/22/2024	07:56:10	RTC Battery Fault
03/22/2024	07:56:10	Bootup
03/22/2024	07:56:45	Primary DC Power Restored
03/22/2024	07:56:43	Primary DC Power Loss
03/22/2024	07:56:10	RTC Battery Fault
03/22/2024	07:56:10	Bootup
03/22/2024	07:56:31	Login Credentials Changed
03/22/2024	07:56:10	Static IP Changed

Ready to upgrade your AM transmitter?

Your existing transmitter is already proven. ECU+ makes it smarter.

01

Contact your
BE dealer
or the
BE Sales Team



02

Confirm your AM-A
Series model and
current configuration
AM 500A through
AM 10A



03

Receive and install the
ECU+ kit with updated
front panel

Currently shipping
and in the field

www.bdcast.com

Telephone (217) 224-9600
4100 North 24th Street
Quincy, Illinois 62305-360 6
U.S.A.



**BROADCAST
ELECTRONICS**