

E Series Transmitters

AM Analog Solid State Transmitters

Unrivaled Audio Performance

Broadcast Electronics' E Series transmitters incorporate our patented class E power modules, allowing you to achieve unequaled power economy and efficiencies for ultimate reliability and overall cost savings.

The E Series AM transmitters give you more flexibility than ever before. With the ability to operate at 5 user-defined power levels, one transmitter can handle all your power needs, providing the most cost efficient transmitter in its class. E Series transmitters are able to operate efficiently at both high and low power levels, maintaining unparalleled performance to accommodate all your day and nighttime power needs.

In addition to producing superior audio quality for your listeners, the E Series exceeds expectations for reliability and redundancy, protecting your revenue stream from unexpected downtime.

Available in power levels ranging from 2.5 W to 5 kW, E Series transmitters pack huge features into small packages, freeing up valuable floor space, lowering shipping costs and placing them well ahead of the competition!

Key Features & Benefits

- Exclusive, patented class E power modules achieve unequaled power economy and operating efficiencies
- Multiple front panel plug-in power amplifiers
- Low-noise super cooling system extends transistor life up to eight times
- Operates at five user-defined power levels, low enough to handle any nighttime power requirement
- Delivers the highest audio quality available — even at the station's lowest output power
- Built-in output network eliminates the need for external impedance matching
- CE approved
- Integral power factor correction reduces power costs!



Model AM 5E shown

Model	Description
AM 2.5 E	12.5 W to 2.5 kW AM Transmitter
AM 5E	25 W to 5 kW AM Transmitter

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Improving AM Profitability

Plans to go digital? We're ready when you are!

- Designed with digital in mind
- Accommodates both current and future versions of HD Radio™
- Provides the flexibility of changing transmission between analog only mode and analog+HD mode on the fly either locally or remotely
- BE's ASi 10 HD Radio Signal Generator feeds I and Q directly to the transmitter
- Digital ready- just add an external HD Radio signal generator

Operating at reduced power? One transmitter does it all!

- Achieves unprecedented low power levels for all your power needs, day and night
- Eliminates need to dump any excess power or purchase costly power dividers
- No need to purchase a separate nighttime transmitter
- Overall audio performance maintained at full and reduced power levels

On air redundancy protects your revenue stream!

- Electronically regulated power supplies avoid the need to purchase an external voltage regulator
- Redundant PA amplifiers plug in from the front panel
- Redundant independent power supplies (AM 5E only)
- Front panel modulation metering eliminates the need to purchase an outboard modulation monitor
- Output tuning network compensates for daily variations of antenna loads and even serves as an output coupler for an emergency antenna

Enhanced audio quality will impress your listeners *and* the competition!

- Superior audio quality at all output power levels
- Provides enhanced bass response and lower distortion when operating into real-world antenna loads

Taking the next step is easy with Broadcast Electronics. Get in touch with your sales representative today to discuss solutions that will work for you and your station(s). To contact your BE sales representative, simply visit our website at bdcast.com or call 217.224.9600 and learn more about what BE has to offer.

BE is the premier provider of mission-critical solutions for over-the-air and Internet radio. Our products encompass program generation, audio and data management, interfacility transport and analog and digital (HD Radio and DRM) transmission. They are used daily in more than 10,000 installations in nearly 100 countries.

For more than five decades, BE pioneering developments have set industry standards for innovation and reliability, while providing broadcasters with new options for operational productivity and income generation.

BE is headquartered in Quincy, IL, and is represented worldwide by a network of local representatives.

