

A Series Transmitters

AM Analog Solid State Transmitters

Ultimate Reliability

Broadcast Electronics' A Series AM transmitters produce superior audio quality for your listeners while maximizing reliability and redundancy, protecting your revenue stream from unexpected downtime.

The A Series transmitters incorporate multiple regulated power supplies, allowing you to achieve uncompromised redundancy for ultimate on air reliability. Patented class E power modules only add to the bottom line, achieving unequaled power economy to reduce your overall operational expenses.

The A Series transmitters also 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. A 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.

Available in power levels ranging from 500 W to 10.8 kW, A 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

- Multiple front-panel plug-in power amplifiers
- Exclusive, patented E class power modules
- 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
- Redundant regulated power supply design for enhanced transmitter reliability
- Low-noise super cooling system extends transistor life up to eight times
- Built-in output network eliminates the need for external impedance matching



Model AM 10A shown

Model	Description
AM 500A	5 W to 550 W AM Transmitter
AM 1A	5 W to 1.1 kW AM Transmitter
AM 6A	25 W to 6.6 kW AM Transmitter
AM 10A	50 W to 10.8 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
- Excellent 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
- 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 four 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.

