

# STX GUI

## Superior Remote GUI Interface

- From your PC, your tablet, or your phone.
- Three Levels with password access: view only, limited access, and Chief with FULL CONTROL
- Overall Status at a glance or dig deeper to access each Power Amplifier, each Power Supply, and an advanced log for history.



theradioexperience

RDS

HD Radio  
Digital AM & FM

ATSC 3.0

## ELENOS

In January of 2018,  
BE was acquired by The Elenos Group.

Following this acquisition, there are now three legendary companies, in three separate locations, working to produce the best in innovative products, global service, and trusted partnership for broadcasters for the future.

Offering high quality, affordable products in FM and AM broadcast and TV transmitters transmission capability in all of the world's standards including ATSC 3.0, no other company can match our offerings with options and value.

## AM A & E Series

BE still believes in AM!  
From 500W to 10kW, BE still provides the most reliable, best sounding AM transmitters.

www.21hbg.com



itelco MARTI ELECTRONICS AudioVAULT flex

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Contact us today for a quote on any of our high power FM transmitters!



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## THE ADVANTAGE

Best in Audio Quality

Proven Reliability

Superior Support (24/7/365)

Designed for Redundancy

Designed for Serviceability

Energy Efficient



Broadcast Electronics

# STX



60W | 500W

**Exciter Technology:**  
**STXe60, STXe500, CPE**  
*(Controller Plus Exciter)*

At the core of the **STX** series  
of excitors is the **CPE**.

#### Features in all STX Transmitters/Exciters

Multiple Audio Inputs with Auto-failover capabilities

RDS Generator Built-in *(Static and/or Dynamic)*

Synchronous FM Compatible

Highest Quality Audio

AES over Composite / Baseband 192 Capable

Next Generation Digital Radio Capable *(HD Radio DRM+)*

SNMP Level III Security

Perfect for translators with built-in FSK-ID

IP Connectivity with GUI

# 10



# 20

10kW | 20kW

#### STX10, STX20 Continuing the Tradition

The **STX10** and **STX20** have been intelligently designed to offer the perfect combination of audio quality, reliability, redundancy, serviceability, and efficiency in a compact design.

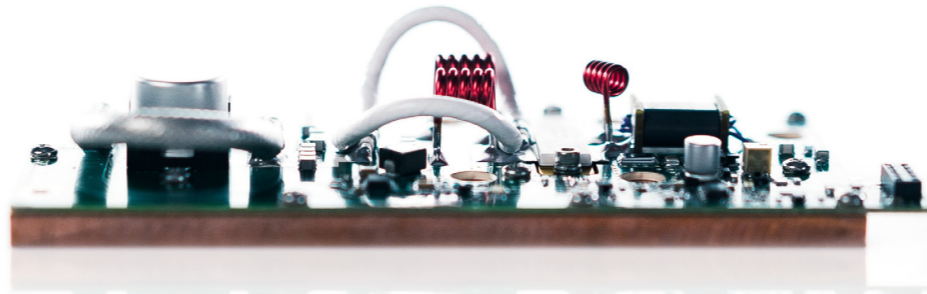
Each transmitter is crafted with superior attention to detail and features the highest quality components.

#### Efficiency

With an efficiency of greater than **70% AC to RF**, electricity costs are saved immediately and for years to come.

#### Serviceability & Redundancy

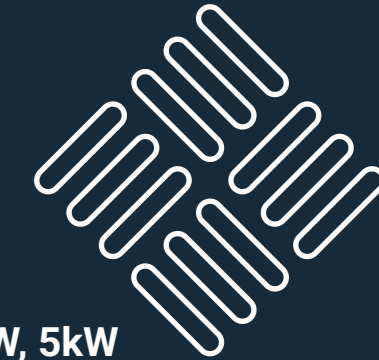
Power amplifier modules and hot-pluggable power supplies are all accessible from the front in the **10kW** and **20kW** models.



1kW, 2kW, 3kW, 5kW

#### STX LP Series Generation II

The **STX LP** is built on the 1kW model and provides the ability to increase power up to 5kW by simply adding additional PA modules and appropriate sized combiner.



#### Flexibility

The **STX LP Generation II** is designed for the world's digital standards and unique applications

- HD Radio™ Capable
- Synchronous FM Systems
- IP Connectivity for complete transmitter status
- Scalable architecture allows easy upgrade path to increase power in the future

#### Redundancy

- Multiple power amplifier decks and power supplies for 2 kW, 3 kW, and 5 kW versions allow the transmitter to be on air in emergency situations
- Unique exciter and controller design allows the ability to add an optional second controller/ exciter for full control and redundancy in the event of an exciter or controller failure
- Ideal for N+1 Systems

#### Performance

- Exciter audio performance has been a hallmark of **BE** for decades.
- The new exciter and controller in the STX LP provides audio performance that rivals **BE's** legendary FX 30, FX 50, and FXi Exciters
- Improved AC to RF efficiency reduces energy costs
- New enhanced GUI provides access to all important transmitter parameters
- SNMP Level 3 Control and Security

#### Reliability

- Since 1959, **BE** has provided equipment to radio broadcasters that is designed to last for the long haul.

Designed and manufactured in the USA, the STX LP line of transmitters has been installed in over 1,400 locations since its introduction.

- 2<sup>nd</sup> Generation design includes updates to power supplies and fans, insuring an even longer transmitter life

