

Bt-DMX

Bt-Servo

Wireless Servos



The **Bt-DMX** and **Bt-Servo** are used for wireless control of remote control-style ServoMotors from a PC•MACs Animation Control System, Bs-Brain4, Sd-50 or any other source of DMX-512 data.

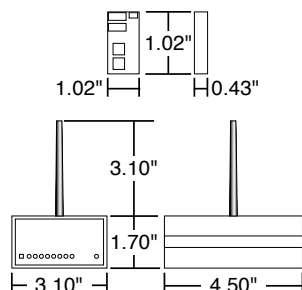
The **Bt-DMX** and **Bt-Servo** use a bidirectional 900 MHz link. You can wirelessly configure the **Bt-Servo** cards, or check on temperature, battery levels and the **Bt-Servo** card status from any PC or Mac.

Features of the Bt-DMX include:

- Configured through USB serial port from any PC or Mac. Once talking to BT-DMX, you can talk wirelessly to the **Bt-Servo** cards to configure them.
- 900 MHz frequency band. 49 software selectable, noninterfering channels.
- Five pin XLR for DMX-512 input.
- Each **Bt-DMX** transmits data for up to 128 ServoMotors.
- Range of up to 500 feet outdoors.
- Nine indicator LEDs show data updates, power, configuration status, etc..
- 3.1" x 4.5" x 1.7". Small enough to be placed close to the set.
- Includes 12 vdc power supply. 110 vac standard, 220 vac on request.

Features of the Bt-Servo include:

- Control up to sixteen remote control-style ServoMotors from each **Bt-Servo**.
- Accepts eight or twelve bit resolution position commands. ServoMotor positions are oversampled and calculated in sixteen bits for smoothness.
- Automatic Ease-In when DMX-512 or RF update signals start or stop.
- 900 MHz frequency band. 49 software selectable, noninterfering channels.
- Up to 128 servos (at 8 bits of resolution) on each frequency spread across eight or more **Bt-Servo** cards. Up to 85 servos per frequency at 12 bits.
- Each ServoMotor's ends of travel can be set anywhere between .759 and 2.241 milliseconds. Endpoints do not interact during adjustment.
- All settings are stored in nonvolatile memory.
- Two indicator LEDs show data updates, errors in received data, etc..
- Runs from 5 to 12 vdc servo power. Automatic servo shutoff if voltage drops below a user-preset level, or when Rf updates are not received.
- 2.025" tall x 1.025" wide x .425" thick. About the size as a 9 volt battery!



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