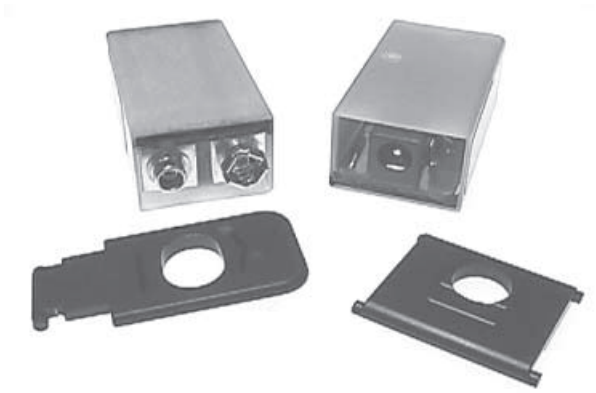
MBATELIM
HBATELIM

Technical Data

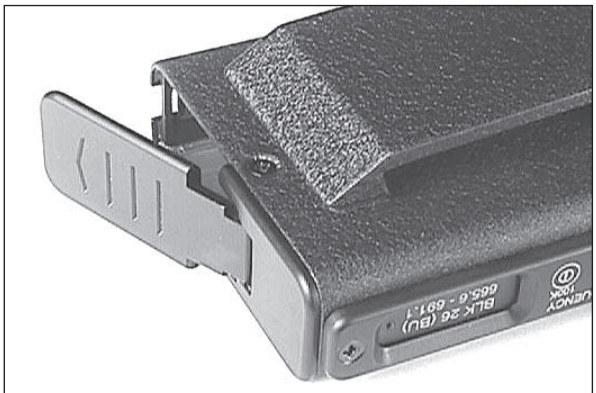
Battery Eliminators



Feature Highlights

- **Allows external powering of Lectrosonics aluminum transmitters**
- **Standard 9 volt battery contacts and DC input jack on "dummy battery"**
- **Modified battery doors available for both Belt-Pack and Plug-On transmitters with flip-open style battery doors**
- **Modified door preserves use with regular alkaline or lithium batteries**

The MBATELIM and HBATELIM battery eliminators provide external powering options for Lectrosonics wireless transmitters. External DC voltage is fed into the connector at one end of the battery eliminator. The output of the battery eliminator is regulated 9V DC to power the transmitter at the battery terminals inside the battery compartment. The modified door allows access to the power input jack yet still operates with regular alkaline or lithium batteries. The DC input jack is protected from reverse polarity.



The MBATELIM model is a kit including the battery eliminator and a modified battery door that fits any Lectrosonics aluminum belt-pack transmitter with a flip-open type door as shown here.

The HBATELIM kit includes a modified battery door that fits any Lectrosonics "H" type plug-on transmitters.

The battery eliminator is not recommended for use with any devices other than the Lectrosonics transmitter types shown here. Use with any other device will void the factory warranty. Lectrosonics will not accept resposibility for damage to nor insure proper operation with any other devices.

NOT FOR USE WITH TRANSMITTERS THAT HAVE ROTATING TYPE BATTERY DOORS.

LECTRO™

PLUG-ON TRANSMITTER INSTRUCTIONS

Figure A

Remove the four screws noted in Figure A and lift bezel from control panel.

Remove battery door and place modified battery door in exactly the same position. Make sure modified battery door is oriented the same way as standard door.

Place the bezel on top of the modified door and carefully tighten the four screws.

Figure B

Insert the HBATELIM. The unit should look like Figure B.

Fold the door cover down so it is flush with the bezel and snap into place by pushing toward the level control.

BELT-PACK TRANSMITTER INSTRUCTIONS

Caution:
When removing a standard door to replace with a modified door, proceed carefully as the metal spring and tabs can easily be bent with too much force.

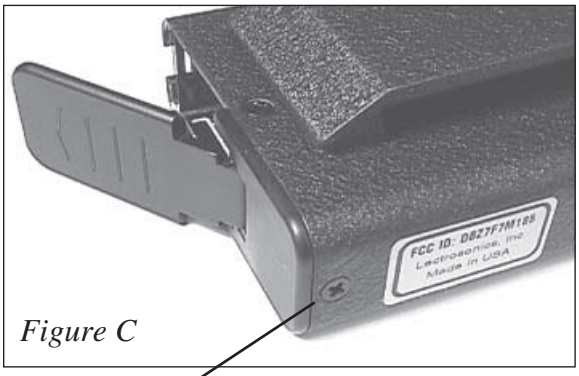


Figure C

Remove rear screw on bottom of case.

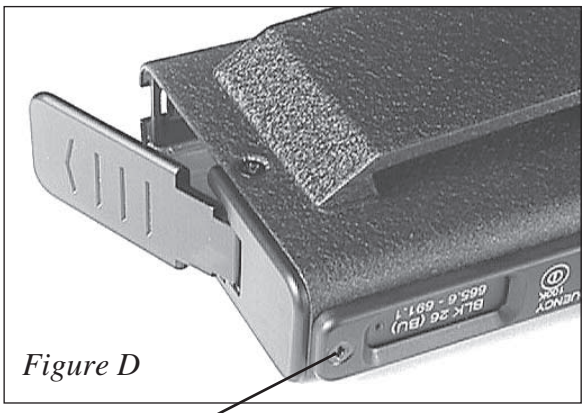


Figure D

Note: Frequency agile models have sliding door and bezel on this side, however, screw is in the same location.

Figure E

Open battery door and loosen screw that holds the spring to the case bottom. Loosen the screw several turns but **do not remove it**.

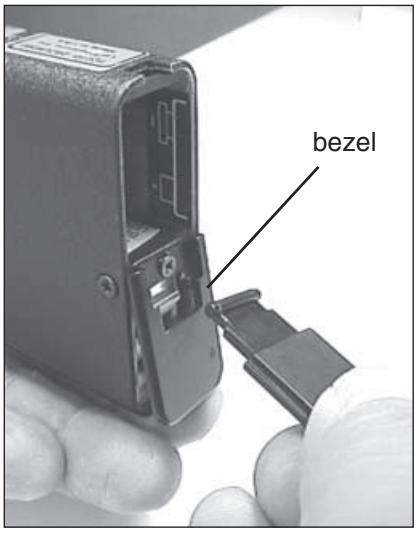


Figure F

Place unit in an upright position while holding the bezel slightly away from the casing. Grip door with thumb and forefinger and gently lift it out of the bezel. If the door does not lift out easily, pry the bezel up slightly with your fingernail. The door should now slide out.

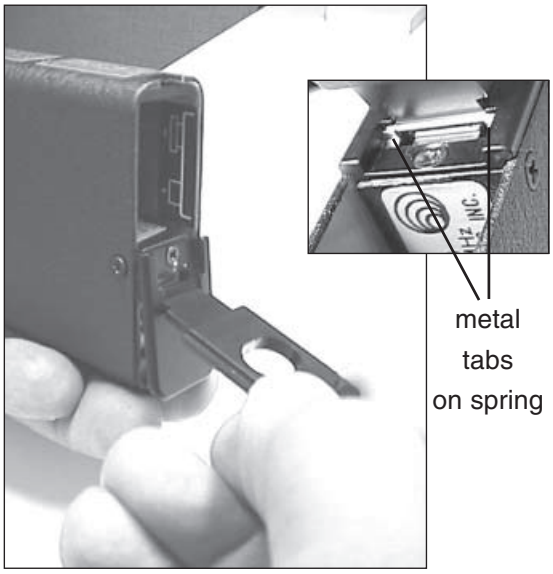


Figure G

Grip modified door (has hole in it) with thumb and forefinger and gently slide door hinge into place. Be careful not to bend the spring or force the hinge. Make sure the hinge of the modified door fits behind the two little metal tabs (see inset above). It will fit into place without much effort.

Re-align all parts before tightening screws. Tighten screw holding spring to the case bottom that was loosened in Figure E.

Replace and tighten screw on bottom of case that was removed in Figure C.

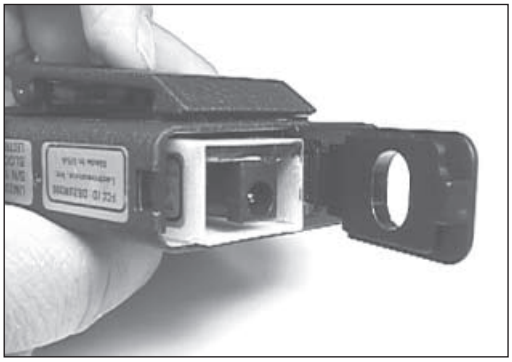


Figure H

Install dummy battery as shown so that the connector aligns with the access hole in the door. Polarity is different on different models—connector will align with access hole in either orientation.

A closer look

Specifications

Input:	¨ Minimum-11V DC ¨ Nominal-12V DC ¨ Max-24V DC with most Lectro transmitters ¨ Max14V DC with UM250B high power transmitter (see formula below)
Output:	9V DC regulated
Height:	0.662 inches
Width:	1.781 inches
Depth:	0.970 inches
Weight:	14.8 grams

*Formula for figuring voltage for the 12 volt adaptor interface if 12V is not available. Note: Max of 14V for UM250B; all others—24V max

(Vin - 9V) X Current = wattage

(wattage must be less than 1 watt)

EXAMPLE:

14. 4 volt supply and a transmitter drain of 100 mA (0.1A)

then:

(14.4V-9V) X 0.1A = 0.54 watt

Since this is less than 1 watt, this is OK.

BATELIM-0701

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