



RCB-6B Junction Box for APEX Electrofisher Control Unit

BASIC ORIENTATION

A. POWER SOURCE

Generator output connected to APEX via 'POWER IN' (⊖) connector on back panel.

B. APEX CONTROL BOX

See 'RCB-6B Junction Box Connection Instructions' on reverse side.

C. RCB-6B Junction Box

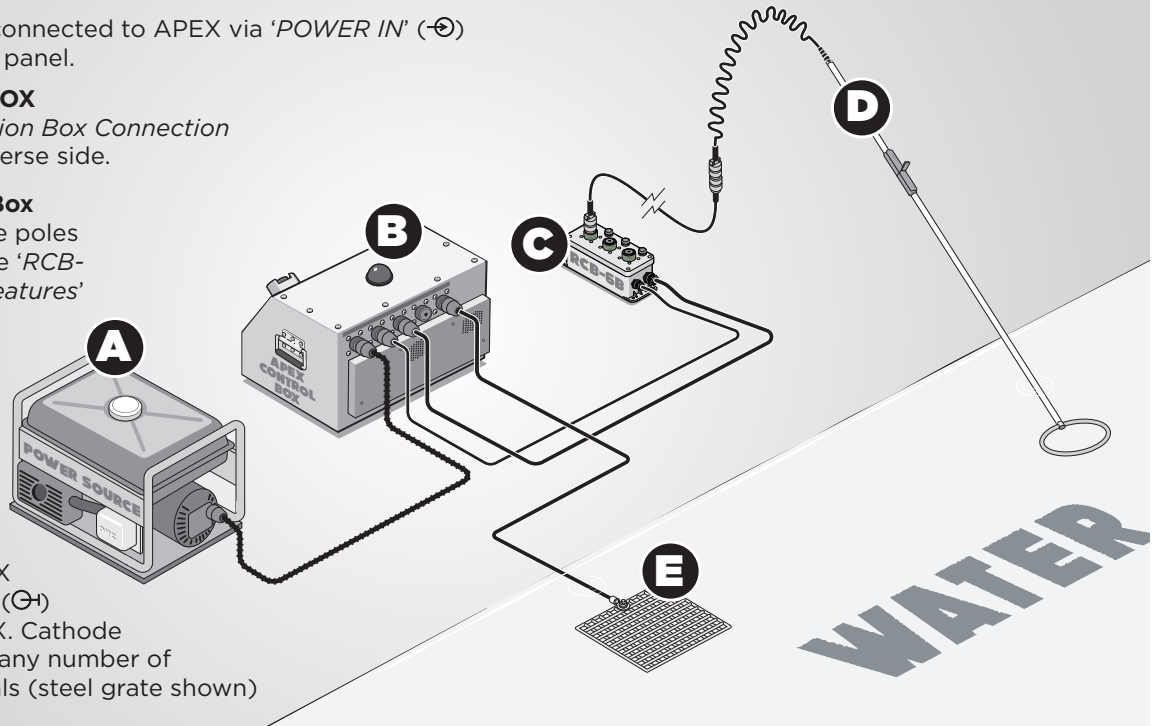
Connects 1-3 anode poles to electrofisher. See 'RCB-6B Junction Box Features' below.

D. ANODE POLE

Connected to 'Anode 1' (⊕) of RCB-6B junction box.

E. CATHODE DEVICE

Connected to APEX via the 'CATHODE' (⊖) connector on APEX. Cathode can be made from any number of conductive materials (steel grate shown)



RCB-6B JUNCTION BOX FEATURES

1. Electrode device plug

From anode pole or other electrode device

2. Anode connectors

Allows connection of up to three anode poles

3. Fuse protection

Replaceable 10A/250V fuse for each anode circuit

4. RCB-6B Junction Box

Durable, water-tight enclosure with screw-on connector covers (not shown in illustrations)

5. Anodes 2 & 3 in-use/off switches

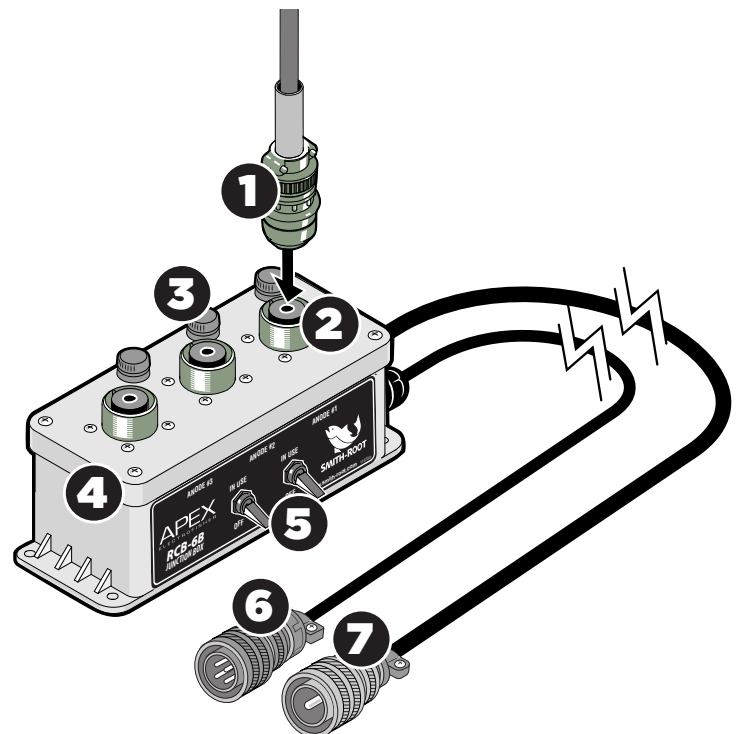
For deactivating the output of connectors 2 & 3 when not in use.

6. Control plug

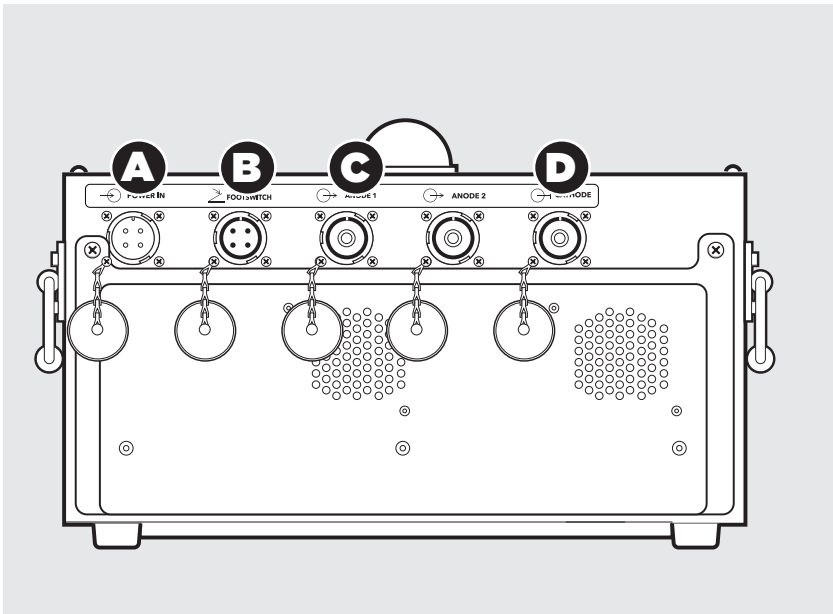
Sends control inputs to APEX electrofisher via 4-pin connector on its back panel

7. Input power plug

Receives power from APEX control box via 1-pin anode connector



RCB-6B Junction Box Connection Instructions



1. Connect RCB-6B input power connector cable (**7**) to female connector labeled *ANODE 1 (C)* on APEX electrofisher.
2. Connect RCB-6B control cable plug (**6**) to 4-pin female connector labeled *FOOTSWITCH (B)* on the APEX control unit.
3. Connect electrode device (**1**) to be used as anode to plug labeled *Anode #1* on RCB-6B.
4. Connect electrode device to be used as Cathode to plug labeled *CATHODE (D)* on APEX control box.

NOTE: An Electrode pole must be connected to Anode plug #1 to use the RCB-6B. Anode connectors #2 and #3 are optional for the use of additional poles/devices.

Junction Boxes for other Smith-Root manufactured electrofishers

We offer junction boxes for the following out-of-production Smith-Root electrofishers:

1.5 KVA RCB-6B	P/N 08748
2.5 & 5.0 GPP RCB-6B.....	P/N 05251
Type VI-A RCB-6B	P/N 08747
VVP-15B RCB-6B.....	P/N 08749
Tote Barge Junction Boxes:	
GPP SR-6JB.....	P/N 06223
VVP-15B SR-6JB	P/N 09379

