

**Icom radios with 7 pin DIN ACC or ACC2 jack,  
or the OPC-599 Conversion Cable  
IC-746, IC-756, IC-7600, IC-7610**

Nearly all commercial amplifiers made from the mid-1960s on are safe to use with the ARI-800. Amplifiers includes, but is not limited to, Ameritron, B&W, Collins, Command, Dentron, Heathkit, Kenwood, and Yaesu amplifiers.

The ARI-800 works with amplifiers that have positive, negative, and AC to ground up to 200V and 300mA.

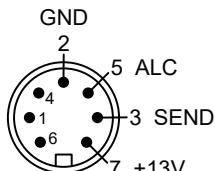
**CAUTION: DO NOT** use the ARI-800 with amplifier relays that are not pulled to ground. The amplifier must pull the keying line to ground and not up to another voltage. One side of the ARI-800 AMP line is grounded and is designed to only pull the amplifier key line to ground.

1. Connect "RCA" Phono cable between the ARI-800 AMP jack to the amplifiers "KEY" line (the line that enables the amplifier into transmit mode). If it is a Phono jack then plug a Phono-to-Phono cable into the jack. The ARI-800 will work with all amplifiers that use "RCA" Phono jacks.

If the connection is screw terminals or some other connector instead of a Phono jack connect the shield of the cable to the ground and the center conductor to the line that keys the amplifier. This line on the amp **MUST** be the type that is pulled to ground to activate. Check your amplifier manual as to the correct connections.

2. Connect the ARI-7DI 5 pin DIN connector into the ARI-800 and the 7 pin DIN connector into the 7 pin ACC or ACC2 jack on the back of the radio.
3. If using ALC, connect a Phono-to-Phono cable from the amplifier's ALC Phono jack to the ALC jack on the ARI-800. If the connection is screw terminals or some other connector instead of a Phono jack connect the shield of the cable to the ground and the center conductor to the ALC connection on the amp.
4. **DO NOT** connect power to the ARI-800 power jack. The power is supplied to the ARI-800 through the cable from the radio.

**7 pin DIN  
ACC or ACC2 Connector**  
*As viewed from back of radio.*





## **TWO YEAR LIMITED WARRANTY**

This Limited Product Warranty is provided by the Dealer where your Intellitron product was purchased. The Product Warranty extends only to the original purchaser of the product and is valid for a period of two years from the date of purchase. Please keep your dated sales receipt as evidence of the date of purchase. You will need it to receive warranty service. Your Dealer warrants the product will be free from defects in workmanship and materials under normal use. If the product fails to conform to the warranty and is within the warranty period of two years, contact your original dealer for a return authorization. Your dealer may choose to either repair or replace the non-conforming product.