5 - 6 ACCESSORY CONNECTORS

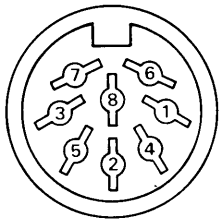
The DIN type ACCESSORY CONNECTORS and one mini-jack are installed on the rear panel of the IC-735. The function of each connector is as follows:

ACC (1): Connect a phone patch or AFSK RTTY equipment here.

ACC (2): Connect an AT-150, IC-AT100 or IC-AT500 automatic antenna tuner here.

REMOTE MINI-JACK: Connect a personal computer here for remote control of the transceiver functions.

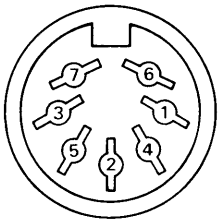
ACC (1)



ACC (1)

① NC	No connection.
② GND	Ground. Connected in parallel with ACC (2) pin 2.
③ SEND	IC-735 switches to the transmit mode when this pin is grounded.
④ MOD	Input to the modulator stage for AFSK signals.
⑤ AF	Output from the receiver detector stage. This is a fixed level regardless of the AF gain setting or AF output.
⑥ SQLS	This terminal goes to ground level when the SQUELCH opens. The letters RECV appear on the front panel display at the same time.
⑦ 13.8V	13.8V DC output switched by the main POWER SWITCH on the front panel. Connected in parallel with ACC (2) pin 7.
⑧ ALC	Input for external ALC voltage. Connected in parallel with ACC (2) pin 5.

ACC (2)



ACC (2)

① 8V	Output reference voltage for band switching.
② GND	Ground.
③ SEND	Same as ACC (1).
④ BAND	Output for external band switching. See the NOTE below.
⑤ ALC	Input for external ALC voltage. Same as ACC (1) pin 8.
⑥ TRV	Input for TRANSVERTER control. The IC-735 will operate with a transverter when 8V DC is applied to this pin.
⑦ 13.8V	Same as ACC (1) pin 7.

NOTE: The IC-735 outputs a band control voltage when the band of operation is changed. This signal automatically switches accessory equipment such as the ICOM linear amplifier or antenna tuners.

BAND CONTROL VOLTAGE CHART

BAND (MHz)	BAND CONTROL VOLTAGE
1.8	7.0 ~ 8.0V
3.5	6.0 ~ 6.5V
7	5.0 ~ 5.5V
14	4.0 ~ 4.5V
18 - 21	3.0 ~ 3.5V
24 - 28	2.0 ~ 2.5V
10	0 ~ 1.2V