

## INSTALLATION NOTES

The FT-101 was designed to operate primarily as a desk top unit, however, addition of a mobile mounting and a cable/plug change, will allow it's successful use as a highly effective mobile unit. Two pre-wired plugs are furnished with each unit, one for AC, the other for DC use. The DC cable wire is: red = positive, black = negative.

The connector itself should be substituted only with great caution, since the pin numbering of Cinch-Jones and other USA version connectors is different from the original Yaesu supplied assembly. The USA connector versions will fit, but great care should be used in the wiring.

Should you encounter a transceiver with a problem of blowing it's fuse (or the house fuse) whenever it is plugged in, don't overlook the connector. If it is Amphenol, or Cinch-Jones, verify that it has been wired correctly - or better, substitute a known-to-be-good cable/connector assembly.

POWER PLUG COMPARISON		
YAESU		CINCH-JONES
PIN NO.	1	3
	2	2
	3	1
	4	6
	5	5
	6	4
	7	9
	8	8
	9	7
	10	12
	11	11
	12	10

  

3	2	1
6	5	4
9	8	7
12	11	10

1	2	3
4	5	6
7	8	9
10	11	12

Fig. 1-2

Try to install the unit in a cool area, and don't impede the air flow/circulation through the unit by putting books, papers, or other equipment on top of the case. The FT-101 is rugged as the dickens, but like all solid state devices it does not like to be overheated.

So, avoid hot air vents, steam radiators or Southern California direct sunlight, and your unit will go for years without trouble. If your ambient temperature is normally 95 degrees F. or higher, a fan (FA-9) is often an excellent investment.