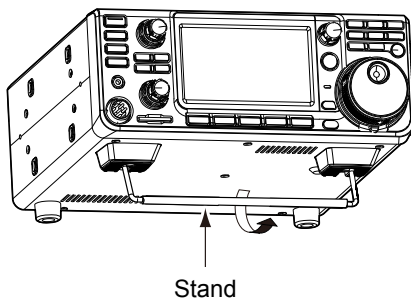


## 2 INSTALLATION AND CONNECTIONS

### Selecting a location

Select a location for the transceiver that allows adequate air circulation, free from extreme heat, cold or vibrations, and other electromagnetic sources.

The transceiver has a stand for desktop use.



**CAUTION: NEVER** carry the transceiver by holding the stand, dials, controls and so on. This may damage them.

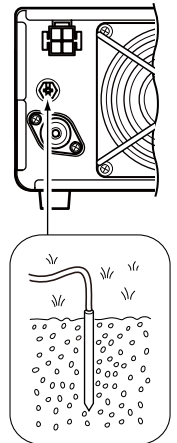
### Heat dissipation

- **DO NOT** place the transceiver against walls or put anything on top of the transceiver. This may block airflow and overheat the transceiver.
- **NEVER** install the transceiver in a place without adequate ventilation. Heat dissipation may be reduced, and the transceiver may be damaged.
- **DO NOT** touch the transceiver after transmitting continuously for long periods of time. The transceiver may become hot.

### Grounding

To prevent electrical shock, television interference (TVI), broadcast interference (BCI) and other problems, ground the transceiver using the ground terminal [GND] on the rear panel.

For best results, connect a heavy gauge wire or strap to a long ground rod. Make the distance between the [GND] terminal and ground as short as possible.



**⚠ WARNING! NEVER** connect the [GND] terminal to a gas or electric pipe, since the connection could cause an explosion or electric shock.

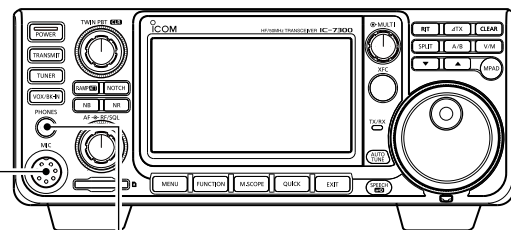
### Front panel connection

#### [MIC] (Microphone) connector



#### Using an External Keypad

You can control the CW memory keyer, Voice memory or RTTY memory keyer transmission from an external keypad by connecting the control circuit to the [MIC] connector. Set the "External Keypad" to ON on the CONNECTORS screen to use the external keypad. (p. 12-8)



#### [PHONES] Headphones



Accepts headphones with 8~16  $\Omega$  impedance.

- Outputs 5 mW into an 8  $\Omega$  load.
- The volume level may differ, depending on the headphones.