

Thank you for choosing the IC-F5360D VHF DIGITAL TRANSCEIVER or IC-F6360D UHF DIGITAL TRANSCEIVER. **READ ALL INSTRUCTIONS** carefully and completely before using your transceiver.

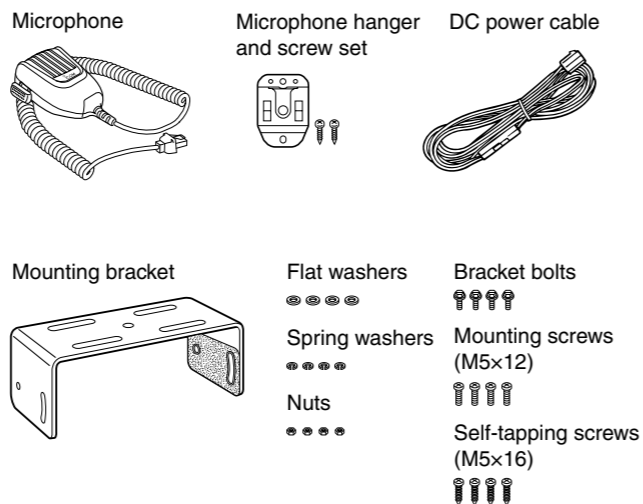
## FOREWORD

This instruction sheet includes some functions which are usable only when they are preset by your dealer. Ask your dealer for details.

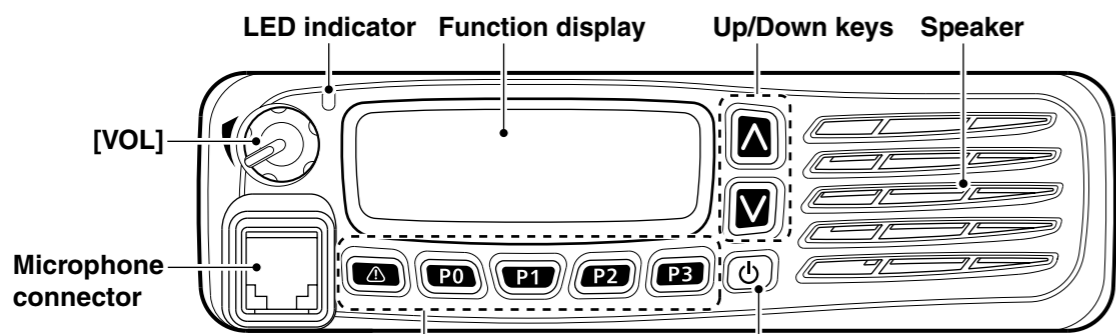
See the operating instructions for details of other functions, and IDAS™ NXDN™ system operations. Ask your dealer for details.

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## SUPPLIED ACCESSORIES



## PANEL DESCRIPTION

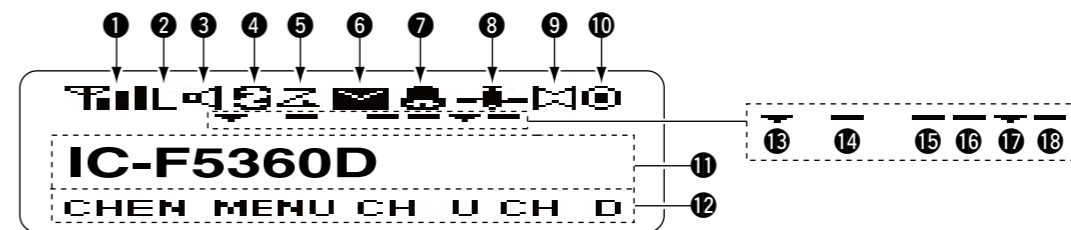


**Dealer-assignable keys\***  
([Δ], [P0], [P1], [P2], [P3])  
\*Ask your dealer for details.

### ◇ About the LED indicator

- Lights red while transmitting.
- Lights green while receiving a signal, or when the squelch is open.

## FUNCTION DISPLAY



### ① SIGNAL STRENGTH INDICATOR

Displays the relative receive signal strength.

### ② LOW POWER ICON

Appears when low output power is selected.  
• When the battery charge decreases to a specified level, low power is automatically selected.

### ③ AUDIBLE ICON

➔ Appears when the channel is in the 'audible' (unmute) mode.  
➔ Appears when a matched signal is received.

### ④ SCRAMBLER ICON

Appears when the Voice Scrambler function is ON.

### ⑤ SCAN ICON

Appears while scanning.

### ⑥ MESSAGE ICON

➔ Appears when a received message (Short Data Message or Status Message) is stored in the stack memory.  
➔ Blinks when an unread message is in the stack memory.

### ⑦ BELL ICON

Appears when a matched signal is received, depending on the presetting.

### ⑧ GPS ICON

Appears when position data is received.

### ⑨ HORN ALERT ICON

Appears when the Horn Alert function is ON.

### ⑩ PUBLIC ADDRESS ICON

Appears when the Public Address function is ON.

### ⑪ ALPHANUMERIC READOUT

Displays the operating channel number, channel name, Menu contents, DTMF code, and so on.  
• The display mode automatically switches between one line and two lines.

### ⑫ KEY ICONS

Displays the assigned function of the [P0], [P1], [P2] and [P3] front panel keys.

### ⑬ SCAN TARGET ZONE ICON

Appears when the scan target zone is selected.

### ⑭ EXTERNAL SPEAKER ICON

Appears when the external speaker is connected.

### ⑮ AUX A ICON

Appears when the AUX A function is ON.

### ⑯ AUX B ICON

Appears when the AUX B function is ON.

### ⑰ SCAN TARGET CHANNEL ICON

Appears when the scan target channel is selected.

### ⑱ OPERATOR SELECTABLE TONE ICON

Appears when the Operator Selectable Tone function is ON.

## BASIC OPERATION

### ◇ Turning power ON

➔ Push [ON] to turn ON the power.

### ◇ Receiving and Transmitting

#### Receiving:

- Select a channel.
  - ➔ Push [CH U] or [CH D].
  - ➔ Push one of the direct channel select keys, [DR 1] to [DR 5].
  - ➔ Push the ([1] to [9] or [0]) digit keys of the optional DTMF microphone to enter the channel number when the Channel Entry function is assigned to the keypad, or after pushing [CHEN].
- When receiving a call, rotate [VOL] to adjust the audio output level to a comfortable listening level.

#### For your reference:

[CHEN]: Channel Entry  
[CH U]: CH/GID Up [CH D]: CH/GID Down  
[DR 1]: Direct CH/GID 1 [DR 5]: Direct CH/GID 5  
See the operating instructions for details.

#### Transmitting:

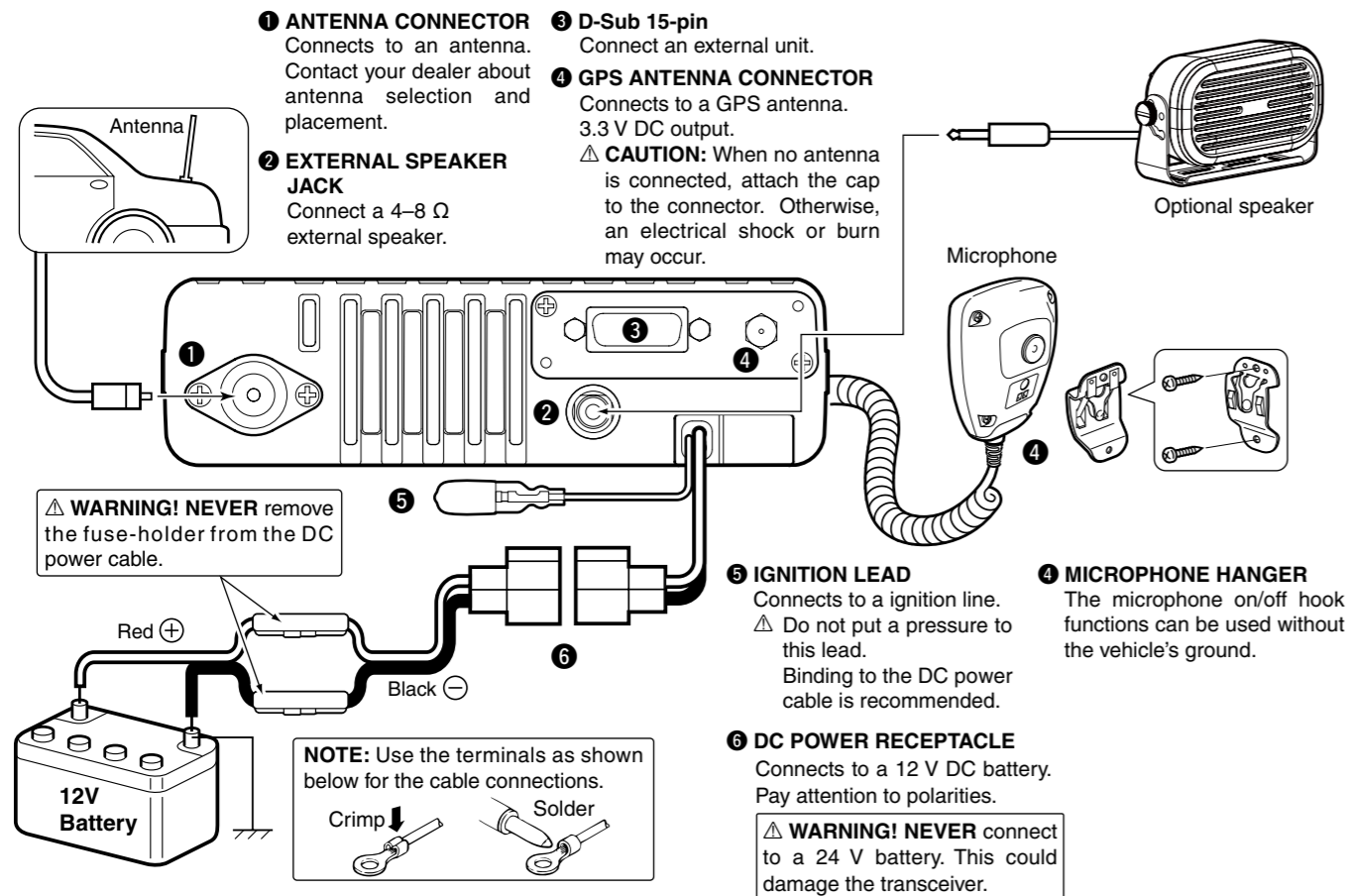
Wait until the channel is clear to avoid interference.

- Take the microphone off hook.
  - While scanning, the scan stops.
- Wait for the channel to become clear.
  - The channel is busy when the LED indicator lights green.
- While holding down [PTT], speak at a normal voice level.
- Release [PTT] to receive.

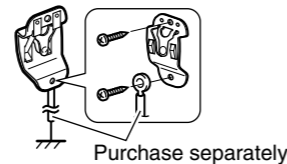
#### IMPORTANT:

To maximize the readability of your signal:  
1. After pushing [PTT], pause briefly before you start speaking.  
2. Hold the microphone 5 to 10 cm (2 to 4 inches) from your mouth, then speak at a normal voice level.

## REAR PANEL CONNECTION



*When the optional microphone (HM-152/T) is used:*

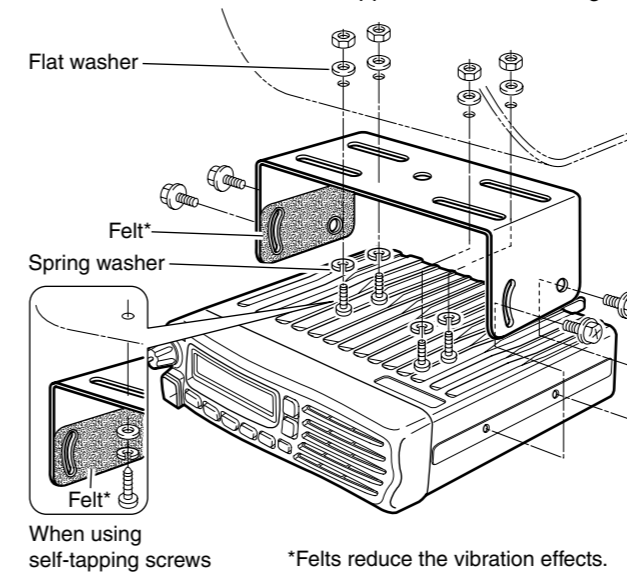


Connect the microphone hanger to the vehicle's ground for microphone on/off hook functions when the optional microphone (HM-152/T) is used.

## MOUNTING THE TRANSCEIVER

The universal mounting bracket supplied with your transceiver allows overhead mounting.

- Mount the transceiver securely with the 4 supplied screws to a thick surface which can support more than 1.5 kg.



## OPTIONS

- OPC-1132/OPC-347 DC POWER CABLE**  
OPC-1132: 3 m (9.8 ft)  
OPC-347: 7 m (23 ft)
- HM-152/HM-152T/HM-148G/HM-148T HAND MICROPHONES**  
HM-152: Hand microphone  
HM-152T: DTMF microphone  
HM-148G: Self ground heavy duty microphone  
HM-148T: Self ground heavy duty DTMF microphone  
The 10-keypad of this microphone can be used for the DTMF code transmission only.
- SM-26 DESKTOP MICROPHONE**
- SP-30/SP35/SP-35L EXTERNAL SPEAKERS**  
Input impedance: 4  $\Omega$   
SP-30: Rated input; 20 W, Max. input; 30 W  
SP-35/SP35L: Rated input; 5 W, Max. input; 7 W

Approved Icom optional equipment is designed for optimal performance when used with an Icom transceiver. Icom is not responsible for the destruction or damage to an Icom transceiver in the event the Icom transceiver is used with equipment that is not manufactured or approved by Icom.

Some options may not be available in some countries. Please ask your dealer for details.

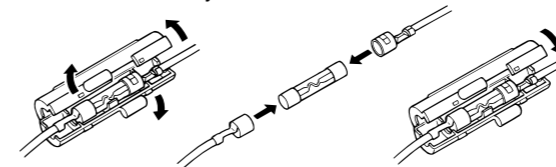
## ANTENNA

A key element in the performance of any communication systems is an antenna. Contact your dealer for more information regarding antennas and how to install them.

## FUSE REPLACEMENT

A fuse is installed in the supplied DC power cable. If a fuse blows or the transceiver stops functioning, track down the source of the problem if possible, and then replace the damaged fuse with a new rated one.

- Fuse rating: 20 A
- USE** the 20 A fuse only.



## CLEANING

If the transceiver becomes dusty or dirty, wipe it clean with a soft, dry cloth.



**DO NOT** use harsh solvents such as benzene or alcohol, as they may damage the transceiver surfaces.