IC-7600

Firmware update information— Ver. 1.11

Thank you for using the Icom Download Service.
Version 1.11 of the firmware will provide the additional functions or changes to your IC-7600, as described on the next page.

Before updating, see Section 14 'UPDATING THE FIRMWARE' in the IC-7600 instruction manual, for details.

IMPORTANT!
Make a backup file of the transceiver's settings, such as stored memory channels, filter settings, to the USB-Memory before updating the firmware.
The CPU will be automatically reset when the firmware update is performed; the transceiver's memory contents will be cleared and ALL settings will be returned to their default settings.
See page 139 '■ File saving' in the IC-7600 instruction manual, for details.

IC-7600

Firmware information— Ver. 1.11

Version 1.11 of the firmware provides the following additional functions or changes to your IC-7600.

➥ The configurable range of the CI-V address has changed to between 01h and DFh.
➥ Some CI-V commands are added, as described below.
➥ A new feature, the Time-Out Timer (CI-V) function, is added. (p. 2)
➥ A new feature, the SAVE Form item, is added. (p. 2)

■ About the additional features

◇ Additional CI-V commands

The following commands are added to the conventional Command table.

Cmd.	Sub Cmd.	Data	Description
0F			Read Split setting (00=OFF, 01=ON)
10*1		00	Send/read 10 Hz (1 Hz) tuning step
		01	Send/read 100 Hz tuning step
		02	Send/read 1 kHz tuning step
		03	Send/read 5 kHz tuning step
		04	Send/read 9 kHz tuning step
		05	Send/read 10 kHz tuning step
		06	Send/read 12.5 kHz tuning step
		07	Send/read 20 kHz tuning step
		08	Send/read 25 kHz tuning step
17*2		See the table below	Send CW messages
1A	050173	00	Send/read time-out timer OFF
		01	Send/read 3 min. time-out timer
		02	Send/read 5 min. time-out timer
		03	Send/read 10 min. time-out timer
		04	Send/read 20 min. time-out timer
		05	Send/read 30 min. time-out timer
1C	02	00, 01	Send/read transmit frequency monitor setting (00=OFF, 01=ON)

The following commands belong to Command 1A, but became usable also with Command 16.

Cmd.	Sub Cmd.	Data	Description
16	55	00	15 kHz roofing filter selection
		01	6 kHz roofing filter selection
		02	3 kHz roofing filter selection
	56	00	SHARP selection for DSP filter type
		01	SOFT selection for DSP filter type
	57	00	WIDE selection for manual notch width
		01	MID selection for manual notch width
		02	NAR selection for manual notch width
	58	00	WIDE selection for SSB transmit bandwidth
		01	MID selection for SSB transmit bandwidth
		02	NAR selection for SSB transmit bandwidth

*1 Command 10 has changed to be used not only to send tuning step settings, but also to read them.
*2 While transmitting in the CW mode, or if the Break-in function is ON, the transceiver transmits CW code when the PC sends this command.

• Codes for CW message contents

To send CW messages, the following character codes are used.
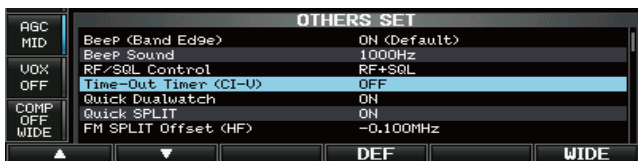Command : 17   Up to 30 characters

- Character's code

• "FF" stops sending CW messages.
• "^" is used to transmit a string of characters with no inter-character space.

Character	ASCII code	Character	ASCII code	Character	ASCII code
0–9	30–39	–	2D	=	3D
A–Z	41–5A	,	2C	+	2B
a–z	61–7A	:	3A	"	22
/	2F	'	27	@	40
?	3F	(	28	Space	20
.	2E	)	29		

◇ Time-Out Timer (CI-V)

The Time-Out Timer (CI-V) function is added to the Others Set mode, as shown below.

Turns the Time-Out Timer function ON (3, 5, 10, 20 or 30 minutes) or OFF. If a continuous transmission exceeds the selected time period, this function will cut off the transmission, to prevent a prolonged transmission. (default: OFF)

NOTE: This function will be activated only when you transmit using CI-V commands, or pushing **[TRANSMIT]** on the transceiver.
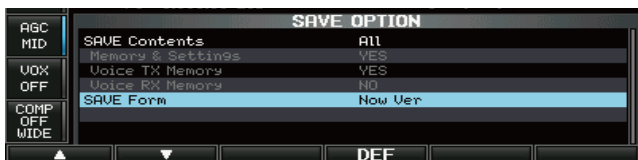
◇ SAVE Form

The SAVE Form item is added to the Save Option Set mode, as shown below.
To save settings and memory contents for backup or copying to another IC-7600, you must save the data in the firmware version format that matches the target IC-7600.
Select "Now Ver" for the current version, or "Old Ver (xxx - xxx)" for the previous version.
• The previous versions are shown in brackets, and you can select the desired version by rotating the main dial. The file will be saved in the selected version.

Selects the file saving format between "Now Ver" and "Old Ver." (default: Now Ver)

• Now Ver : Saves the file in the current firmware version format.
• Old Ver : Saves the file in the firmware version format shown in brackets.

When "Old Ver" is selected, the saved file can be loaded* into another IC-7600 which has not been updated.
*Except for some settings

Firmware confirmation

The firmware version of the IC-7600 can be confirmed during turning power ON.
• The firmware version appears at the right bottom corner.

Firmware version