

## IZOFIB

### Storico del firmware sul Kenwood TS2000

TS-2000/TS-2000X/TS-B2000

#### Firmware revision history

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Applicable models : TS-2000 K/E/E2, TS-B2000 K/E/E2, TS-2000X K/E  
(Not applicable to the Japanese models TS-2000S/SX/TS-2000V/VX)

The latest firmware includes all previous updates.

#### [Revision 15]

**Checksum = EFBA : The latest firmware.**

Applied from S/No.B59xxxx approx.

User firmware update software : TS-2000 Ver.1.12 (28/July/2015 released)

Revised the following symptom.

When using a single lever paddle, the internal electronic keyer occasionally generates extra dots or dashes.

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#### [Revision 14]

**Checksum = 2BF7**

Applied from S/No.B3Cxxxx approx.

User firmware update software : TS-2000 Ver.1.11 (15/November/2013 released)

Revised the following symptom.

When DSP filter settings are changed using the ARCP-2000 software, RX audio might be distorted until the RX frequency or mode is changed.

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#### [Revision 13]

**Checksum = 5355**

Applied from S/No.B27xxxx approx.

User firmware update software : TS-2000 Ver.1.10 (14/September/2012 released)

Revised the following symptom.

When changing the memory frequency temporary, auto zero-beat (CW tune) function might not work correctly.

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#### [Revision 12]

**Checksum = 8BC9**

Applied from S/No.B13xxxx approx.

User firmware update software : TS-2000 Ver.1.09 (30/June/2011 released)

Updated the following item.

Enabled the backup of Auto Mode frequency points when Partial Reset is executed as well as Memory channel data or Menu settings.

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**[Revision 11]**

**Checksum = 8119**

Applied from S/No.003xxxx approx.

User firmware update software : TS-2000 Ver.1.08 (18/July/2008 released)

Updated the following item.

Applied electrical compatibility with new component devices as well as discontinued component devices used in the 1200MHz unit (UT-20).

(There is no functional change)

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**[Revision 10]**

**Checksum = 89F6**

Applied from S/No.001xxxx approx.

User firmware update software : TS-2000 Ver.1.07 (10/June/2008 released)

Updated the following item.

Applied electrical compatibility with new component devices as well as discontinued component devices.

(There is no functional change)

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**[Revision 9]**

**Checksum = AF27**

Applied from S/No.903xxxx approx.

User firmware update software : TS-2000 Ver.1.06 (6/September/2007 released)

Updated the following items.

- 1: For ARISS split frequency operation, enabled direct frequency input (by means of PC commands) during TX in normal operation mode as well as SATL mode.
- 2: Automatic Repeater Offset setting information is read when [A/B] key or [+]/[-] (Band select) key is pressed.

Revised the following symptoms.

- 1: VS-3 (Optional Voice Synthesizer Unit) generates unnecessary announcement when Auto Mode is turned on.
- 2: Reverse function may not work correct when [A/B] key is pressed.

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**[Revision 8]**

**Checksum = 1D3F (1d3F)**

Applied from S/No.804xxxx approx.

User firmware update software : TS-2000 Ver.1.05(11/December/2006 released)

Revised the following symptom.

Frequency step may change when a Quick Memory is registered after turned the main encoder knob to the anticlockwise direction.

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**[Revision 7]**

**Checksum = BDEF (bdEF)**

Applied from S/No.612xxxx approx.

User firmware update software : TS-2000 Ver.1.04(28/January/2005 released)

Updated the following features.

- 1: 7MHz band TX range is expanded to "7000kHz-7200kHz" for the TS-2000 E/E2, TS-B2000 E/E2, and TS-2000X E (European models).
- 2: FM sub-audible tone functions (TONE/CTCSS/DCS) can be enabled in Satellite mode.

**[Notes]**

\*Although the sub-audible tone functions On/Off status is stored in each Satellite memory channel, the tone frequency/code cannot be stored due to the limited memory capacity. The tone frequency/code configuration from the normal VFO (VFO-A or VFO-B) is used instead. (The different tone frequency/code configuration can be stored in the HF, 50 MHz, 144 MHz, 430 MHz and 1.2 GHz band VFOs separately)

\*Encoding and decoding is performed according to the data from the uplink frequency.

\*The tone frequency/code search function cannot be operated in Satellite mode.



**[Revision 6]**

**Checksum = 4611**

Applied from S/No.506xxxx approx.

User firmware update software : TS-2000 Ver.1.03(1/August/2003 released)

Revised the following symptoms.

- 1: The APO (Auto Power OFF) timer is not reset by pressing PTT.
- 2: After pressing the microphone's up/down switch, up/down operation on the ARCP-2000 may not work correctly.



**[Revision 5]**

**Checksum = BB7D (bb7d)**

Applied from S/No.405xxxx approx.

User firmware update software : TS-2000 Ver.1.02(12/September/2002 released)

Revised the following symptom.

The S-meter flickers in FM mode when the LO/WIDTH knob or the HI/SHIFT knob is turned.

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**[Revision 4]**

**Checksum = 8BD6 (8bd6)**

Applied from S/No.308xxxx approx.

Revised the following symptoms.

1: In satellite mode, the frequency step information may not be displayed correctly.

2: In satellite mode, QUICK MEMORY READ seldom displays vacant memory channels.

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**[Revision 3]**

**Checksum = F095 (f095)**

Applied from S/No.301xxxx approx.

User firmware update software : TS-2000 Ver.1.00(29/June/2001 released)

Revised the following symptoms.

1: If the PTT function is set to the sub band while writing to the main band memory, mode information may not be recorded correctly.

2: If the SATL key is pressed to engage satellite mode while repeater operation is still in progress, the transceiver may not function properly.

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**[Revision 2]**

**Checksum = 6D7A (6d7A)**

Applied from S/No.212xxxx approx.

Revised the following symptom.

When performing satellite operations, direct frequency input (by means of PC commands issued via the COM port) is not possible during an uplink.

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**[Revision 1]**

**Checksum = A89D (A89d)**

Applied from S/No.208xxxx approx.

Revised the following symptom.

"A.NOTCH" and "B.C." icons remain on display when changed to CW/FSK mode.

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**[Revision 0]**

**Checksum = 0DC6 (0dc6) : Original firmware.**

Applied from S/No.208xxxx(From the first production)

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