

NO O.S. NEEDED

MASTER

AM/FM STEREO TUNER

KT-75/KT-75L

INSTRUCTION MANUAL

KENWOOD

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88/54

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model _____ Serial Number _____

Unpacking

Unpack the unit carefully and make sure that all accessories and cables are put aside so they will not be lost.

Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820 – 22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Safety precaution for AC plug (For U.S.A. and Canada)

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Rear panel safety precautions

<div data-bbox="120 1612 388 1701"> <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p> </div>	<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>
	<p>The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure; that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>
	<p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>

Before applying power

IMPORTANT!

U.S.A., Canada, Europe, U.K. and Australia

Units shipped to the U.S.A. and Canada are designed for operation on 120 volts AC only. Units shipped to Europe are designed for operation on 220 volts AC only. Units shipped to U.K. and Australia are designed for operation on 240 volts AC only. These units are not equipped with an AC voltage selector switch and the discussion of such a switch that follows should be disregarded.

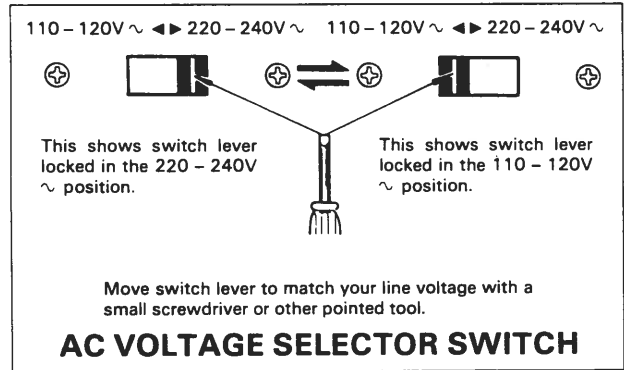
All other countries

Units shipped to countries other than above countries are equipped with an AC voltage selector switch on the rear panel. Refer to the following paragraph for the proper setting of this switch.

AC voltage selection

This unit operates on 110 – 120 volts or 220 – 240 volts AC. The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

Note: Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.



For United Kingdom

The mains plug must be removed from the wall socket prior to any internal examination.

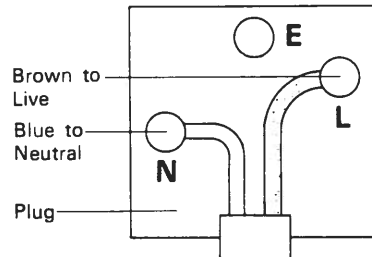
Important

The wires in this mains lead are coloured in accordance with the following code:

Blue..... Neutral
Brown Live

The wires in this mains lead must be connected to the terminals in the plug as follows:

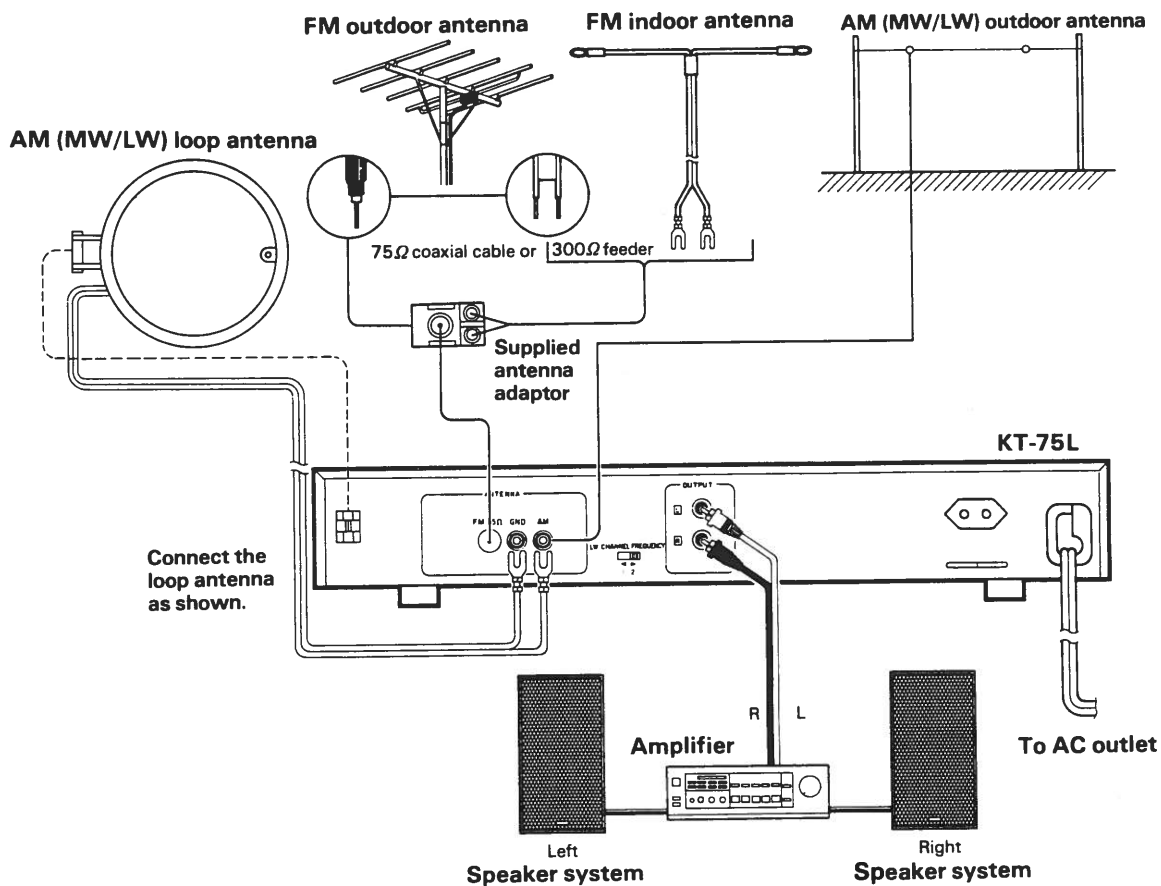
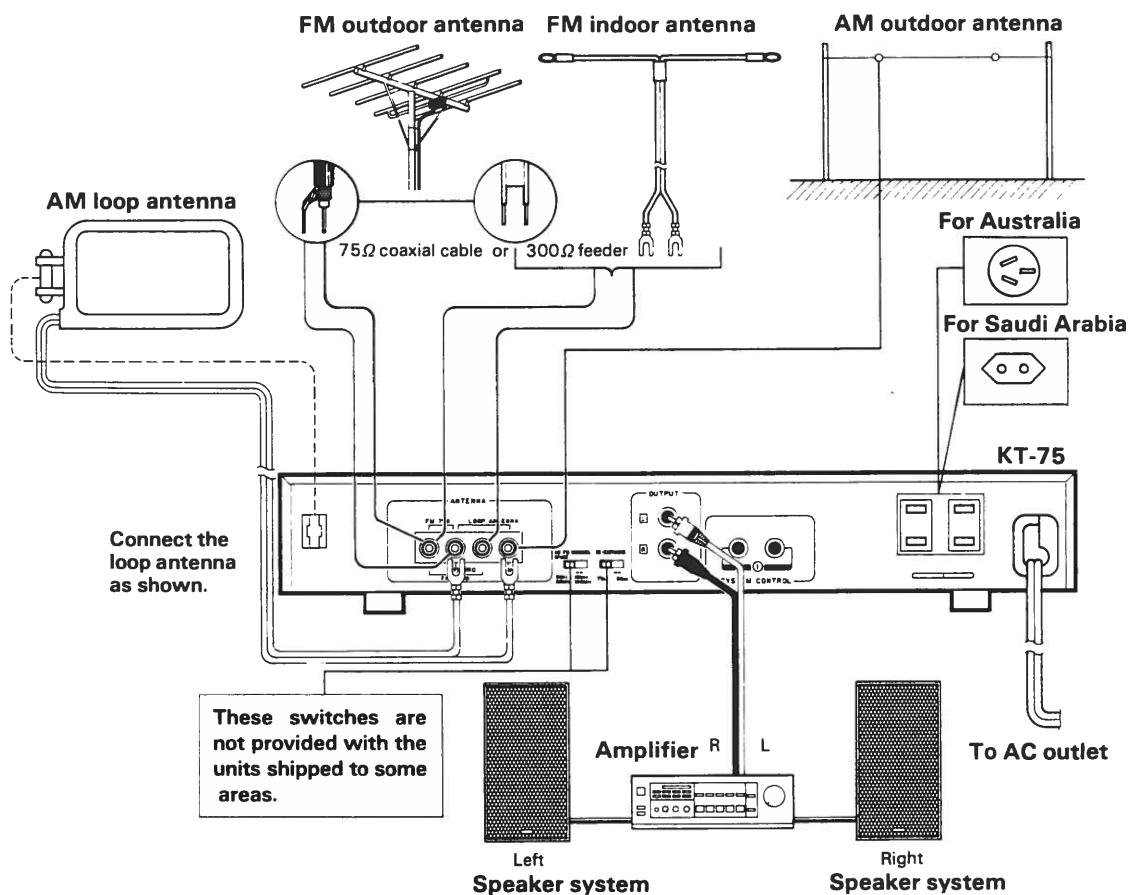
Wire colour	Plug terminal marking
Blue.....	N or Black
Brown	L or Red



Notes:

- 1) If a 13-amp plug is used, this must be fitted with a 5-amp fuse.
- 2) If a 3-pin plug with earthing contact is used, no wire must be connected to the E terminal.

System connections



Output

Signals from the output jacks are fed to the amplifier. Connection cables should be plugged to the amplifier TUNER or AUX jacks. Shielded cables terminated at both ends with standard phono plugs are supplied with this tuner.

AC outlet

The AC outlets on the rear panel can be used to supply power to other components in the system. Never connect equipment whose power consumption exceeds the maximum value shown at each outlet.

SWITCHED: This outlet supplies power when the unit is set to tuner mode or the built-in timer is activated. The maximum capacity is 400 W.

UNSWITCHED (except some models): The outlet provides power when the unit is plugged into an active AC wall outlet, regardless of the setting of the POWER switch or timer. The maximum capacity is 400 W.

Ground

For maximum safety and minimum interference connect the GND terminal to a good earth ground if practicable.

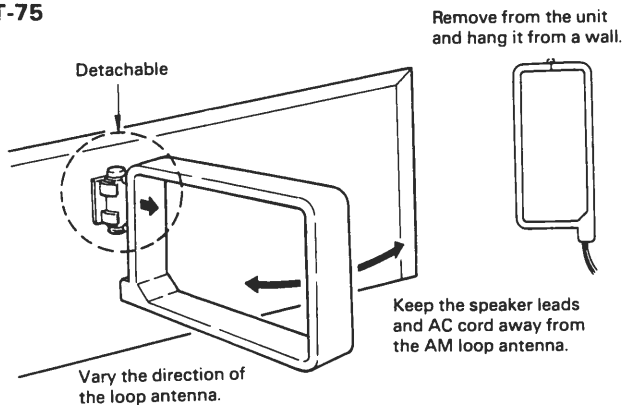
A good earth ground is a cold water pipe or a metal stake driven into moist earth. However, never use a gas pipe for this purpose.

AM (MW/LW) antennas

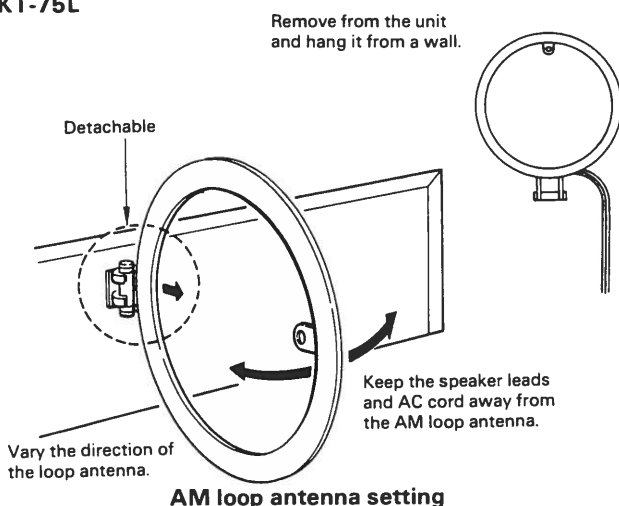
AM (MW/LW) loop antenna

Connect the AM loop antenna cords to the AM ANTENNA terminals, tune in your favorite AM station and locate the AM loop antenna for best reception. Try other stations and find the position that gives best overall reception. Peel off the covering seal from the AM loop antenna bracket and fix the bracket to the best reception position. If the length of the cord wire is too short, add a cord of an appropriate length.

KT-75



KT-75L



AM (MW/LW) outdoor antenna

In steel buildings or at a great distance from the transmitter, it may be necessary to install an outside long wire antenna. The end of this wire should be stripped of insulation and connected to the AM terminal. At this time, keep the loop antenna connected.

FM antennas

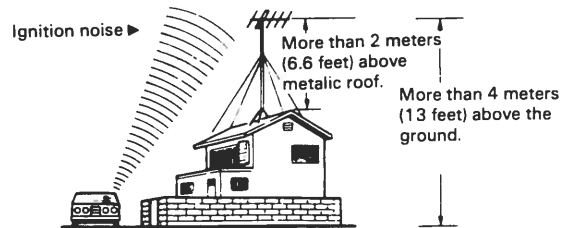
Your tuner approaches the theoretical limit in FM sensitivity. However, the performance of your system is determined to a very large extent upon the signal conditions where the antenna is placed. The reason is that FM broadcast signals travel in straight paths. Therefore they can be blocked by natural or man-made obstructions such as mountains, hills, or buildings. At large distances from the transmitter the curvature of the earth acts as a screen between transmitter and receiver.

Consider the signal conditions in planning your installation. If you live in or near an urban area the indoor antenna (supplied) may serve your needs adequately. However, if favorite stations are weak due to natural obstructions, or if you live in a building which is made of steel-reinforced concrete (which acts as a shield) it may be necessary to install a good outdoor antenna.

FM outdoor antenna

Consult with your dealer or service man about the best method of selecting and erecting an outdoor FM antenna.

The choice of lead-in (feeder) wire is also important. The flat ribbon-shaped twin lead performs well electrically, is cheaper and is somewhat easier to handle in routing through windows and around rooms. Coaxial cable is more expensive, does a much better job of minimizing interference, is less prone to the effects of weather and close-by metal objects, and is nearly as good a signal conductor as the ribbon type wire. The latter is particularly true of foam-type coaxial cables. Coaxial cable is somewhat more difficult to install at the point where the cable enters the building. If coaxial cable is selected, make sure the antenna is designed to drive that type of cable.



- To minimize auto-ignition noise, locate the antenna as far from heavy traffic as possible.
- Keep the feeder or coaxial cable as short as possible. Do not bundle or roll up excess cable.
- The antenna should be at least two meters (6.6 feet) from reinforced concrete walls, or metal structures.

FM outdoor antenna installation

Note:

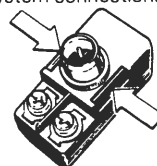
Do not connect both the 300 Ω feeder and 75 Ω coaxial cable to the FM antenna terminal.

FM indoor antenna

Connect the T-shaped indoor antenna (supplied) to the 300 Ω FM ANTENNA terminals as shown in the System connections diagram. Spread the two arms that form the top of the "T" horizontally and hold them against convenient wall surfaces. Try several locations for best results on your favorite stations. Tape the antenna in place where the best compromise is found between listening results and appearance.

75 Ω coaxial cable connection (KT-75L)

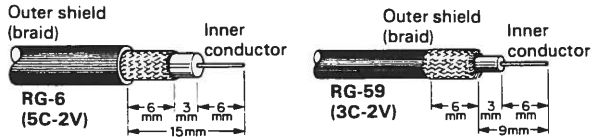
After stripping the end of your coaxial cable, mount the supplied 75 Ω /300 Ω FM antenna adapter on the cable as shown. Then insert the plug into the 75 Ω ANTENNA terminal on the rear panel as shown in System connections diagram.



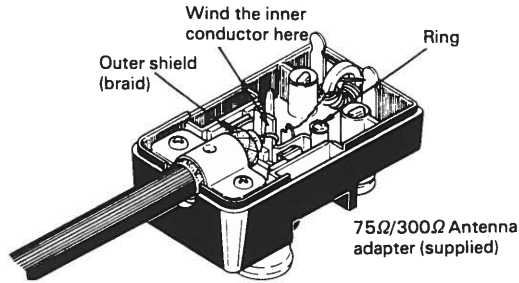
Press the claws in the direction of the arrows with the fingers to release the lock and pull out the cover.

How to open the 75 Ω /300 Ω antenna adapter

1. Arrange the coaxial cable as illustrated.



2. Connect the processed coaxial cable to 75 Ω /300 Ω antenna adapter as shown below. In the case of RG-6 (5C-2V), further insert and wind the inner conductor around the slit. Attach the ring, shown in the below figure, to the boss in the cover.



75 Ω /300 Ω antenna adapter

300 Ω ribbon type cable connection

Although the unit is designed exclusively for use with 75 Ω coaxial cable, it can also accept a 300 Ω indoor antenna or 300 Ω ribbon-type lead-in cable by using the supplied 75 Ω /300 Ω Antenna Adapter. Strip the plastic insulation from the wire ends for about 10 mm (3/8 inch). Connect the wires to the terminals on the adapter, then insert it into the 75 Ω ANTENNA terminal on the rear panel (see System connections diagram).

To connect the 300 Ω feeder, attach the ring shown in the above figure. If the ring is not attached, the sensitivity decreases.

Note:

An FM outdoor antenna can be connected to the tuner with either a 75 Ω coaxial cable or 300 Ω ribbon feeder. For proper connection, carefully read the instruction manual for the FM outdoor antenna.

FM DE-EMPHASIS switch (rear panel)

(This switch is provided to the units for some areas.)

This switch has been set to the correct position for a given market area. However, check to see that this switch is set correctly before operating your tuner. An incorrect setting will adversely affect high frequency performance. (The FM DE-EMPHASIS switch is not equipped with units shipped to Oceania.)

Europe and Oceania.....	50 μ s
Other countries	75 μ s

AM/FM CHANNEL SPACE switch (rear panel)

(This switch is provided to the units for some areas.)

The CHANNEL SPACE switch on the rear panel is set to the correct setting that prevails in the area to which the unit is shipped. However, if the channel space setting is not matched to the area where the tuner is to be used; for instance, when you moved from area 1 to area 2 or vice versa, desired broadcast cannot be received correctly. In this case, change the CHANNEL SPACE setting in accordance with the area corresponding to the table shown below.

Area	Channel Space Frq.
1 U.S.A., Canada Hawaii, and Guam	FM: 100 kHz AM: 10 kHz
2 European countries Far East countries	FM: 50 kHz AM: 9 kHz

Channel Space Table

Note:

When changing the setting of the AM/FM CHANNEL SPACE switch, disconnect the POWER cord.

LW CHANNEL FREQUENCY switch (KT-75L)

The LW frequency step changes in area. If the unit fails to stop at desired LW station in auto tuning mode, set this switch to opposite position.

Before operation

Notes on installation

Do not place the unit in a place which is exposed to direct sunlight, near a heating appliance, etc.

Do not place a vase containing water, makeup, etc. on the unit. Do not use in a humid place.

Choose a location that is relatively free from vibration or excessive dust.

Keep the unit away from a source of magnetic fields such as TV sets, motorized toys, etc.

Safety precautions

Never remove the case. If the internal parts are touched, accidentally, a serious electric shock might occur.

Touching the power plug when your hands are wet may result in a serious electric shock.

Never pull, bend or extend the power cord. This could damage the power cord, resulting in a broken cord or shortcircuit.

In case of abnormal smell

If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest Kenwood Service Station.

Cleaning

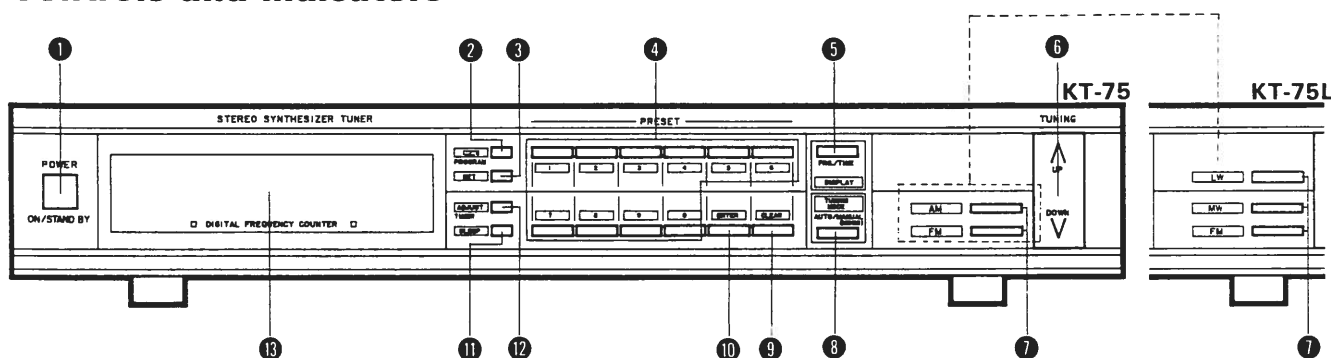
Do not use volatile solvents such as alcohol, paint thinner, gasoline, benzene, etc. to clean the cabinet.

Use a silicone cloth or a clean dry cloth.

Noise interference

If interference occurs in AM mode due to the connected equipment which uses a microprocessor, detach the AM loop antenna and move it away from the unit using the supplied holder.

Controls and indicators



① POWER switch

Turns the power to the unit on and off.

② PROGRAM 1 \equiv 2 button

Press this button to select the first or second program of the timer.

③ PROGRAM SET button

Press this button to set programming timer.

④ PRESET buttons

Used to set time and program timer. Also, these buttons are used to preset broadcast stations.

⑤ DISPLAY FRQ/TIME button

Use this button to switch between the frequency and timer display modes.

⑥ TUNING button

AUTO-tuning: When the UP or DOWN side is pressed, the frequency automatically increases or decreases until the next station of sufficient signal strength is reached.

MANUAL (MONO) tuning: Each time the UP or DOWN side is pressed, the displayed frequency increases or decreases. When either side of the button is held down, the displayed frequency will continue to increase or decrease until the button is released.

⑦ Band selector buttons

Press to select receiving band.

⑧ TUNING MODE button

Press this button to select the tuning mode between AUTO or MANUAL. In MANUAL mode, an FM stereo broadcast is received in monaural.

⑨ CLEAR button

Press this button to cancel the input mode of the time or program timer. When this button is pressed, the input mode returns to the previous one.

⑩ ENTER button

Press this button to activate the clock after entering the present time with the PRESET button.

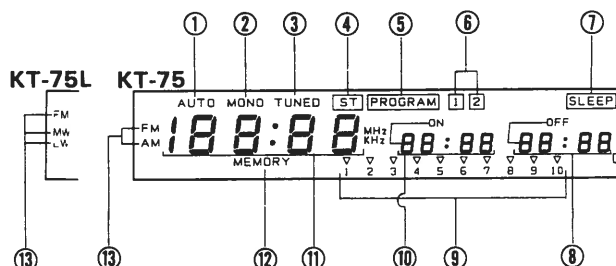
⑪ SLEEP TIMER button

Press this button to set sleep timer (up to 60 minutes with 10 minutes intervals).

⑫ ADJUST button

Press this button to adjust the clock time.

⑬ DIGITAL FREQUENCY COUNTER



① AUTO indicator

Lights when the tuning mode is set to AUTO with the TUNING MODE button.

② MONO indicator

Lights when the tuning mode is set to MANUAL (MONO) with the TUNING MODE button.

③ TUNED indicator

Lights when the station is tuned in correctly.

④ ST (stereo) indicator

Lights when an FM stereo broadcast with a sufficient signal strength is received.

⑤ PROGRAM indicator

Blinks when setting the program timer.

⑥ 1/2 indicators

Indicate the program timer to be used.

⑦ SLEEP timer indicator

Lights when the sleep timer is set.

⑧ OFF time display

Displays the off time of the program timer.

⑨ Preset channel indicators

Indicate the pressed PRESET button.

⑩ ON time display

Displays the on time of the program timer.

⑪ Frequency/time display

Displays the receiving frequency or current time.

⑫ MEMORY indicator

Lights for about 5 seconds when the ENTER button is pressed in tuner mode.

⑬ Band indicators

Indicate the reception band.

Operating instructions

Setting the current time

1. Confirm that the DIGITAL FREQUENCY COUNTER is in the time display mode.
When the DIGITAL FREQUENCY COUNTER is in the frequency display mode, press the POWER switch.
2. Press the ADJUST button.
The hour display of the left starts flashing.



3. Input the current time using the PRESET buttons (1 to 0).
The clock employs 24-hour system. Press the PRESET buttons as follows.

AM 9 : 05 Input in the order of
0 - 9 - 0 - 5

PM 4 : 50 Input in the order of
1 - 6 - 5 - 0



When 4 digits are input, the entire time display flashes.
To change the input digit, press the CLEAR button and proceed the above steps again.

4. Press the ENTER button.
The time display illuminates.



Illuminates.

When the ENTER button is pressed, the clock starts.
Press the ENTER button according to the time signal of the radio or telephone service.

Note:

When the time display flashes, this indicates the power failure occurred. At that time, reset the current time.

Listening to broadcasts

Auto tuning

1. Press the POWER switch.
2. Set the input mode of the amplifier to tuner.
3. Select the reception band with the band selector buttons.
4. Press the TUNING MODE button so that the AUTO indicator lights.
5. Press UP or DOWN side of the TUNING button.
The unit starts scanning in the specified direction and stops at a station with a sufficient signal strength.
6. Adjust the volume control of the amplifier.

Manual tuning

1. Press the POWER switch.
2. Set the input mode of the amplifier to tuner.
3. Select the reception band with the band selector buttons.
4. Press the TUNING MODE button so that the AUTO indicator disappears. In the FM band, the MONO indicator lights.
5. Press UP or DOWN side of the TUNING button until the desired station is received.
When the TUNING button is kept pressed, the displayed frequency changes rapidly.
6. Adjust the volume control of the amplifier.

Presetting stations

1. Receive a station.
2. Press the ENTER button.
3. When the MEMORY indicator is lit, press the desired PRESET button.
The MEMORY indicator goes off and the displayed frequency is preset in the pressed PRESET button.

Preset tuning

1. Press the POWER switch.
2. Set the input mode of the amplifier to tuner.
3. Select the reception band with the band selector buttons.
4. Press the desired PRESET button.
5. Adjust the volume control of the amplifier.

Note:

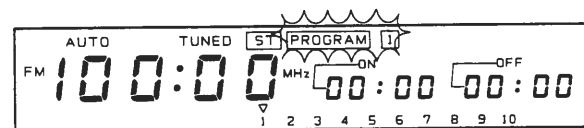
This unit incorporates a capacity backup system. The preset frequency is retained for about 3 days even when the power cord is disconnected.

Operating timer

Setting the program timer

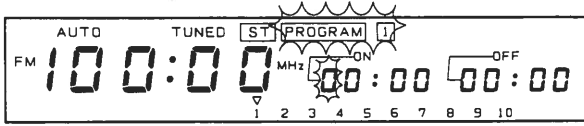
Two sets of on and off timer can be set within 24 hours for timer play or recording.

1. Press the POWER switch.
2. Press the PROGRAM SET button.
Press the PROGRAM 1 = 2 button so that the PROGRAM 1 indicator flashes.



- Press the ENTER button.

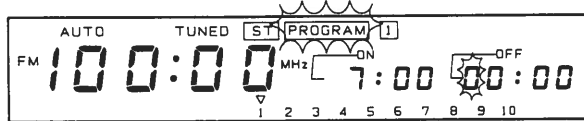
The PROGRAM indicator and the hour digit to the ON time display flash.



- Input on time using the PRESET buttons.

- Press the ENTER button.

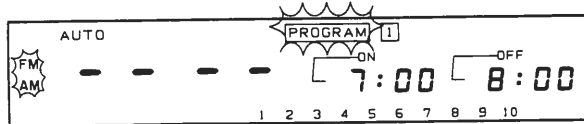
The ON time display lights and the hour digit to the OFF time display flashes.



- Input off time using the PRESET buttons.

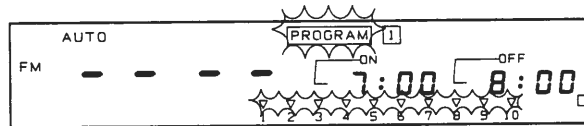
- Press the ENTER button.

The OFF time display lights and the band indicator flashes.

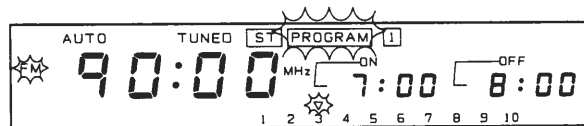


- Select the desired reception band with the band selector buttons.

The preset channel indicators flash.

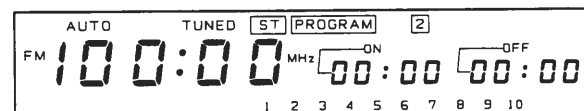


- Press the desired PRESET button to specify the preset station to be received at the preset time. The specified preset channel indicator and band indicator flash.



- Press the ENTER button.

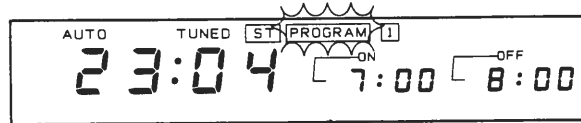
The DIGITAL FREQUENCY COUNTER displays the preset program timer 1 contents for about 5 seconds then returns to the original display.



- To set program timer 2, press the PROGRAM SET button and press the PROGRAM 1 = 2 button so that the PROGRAM 2 indicator flashes. Then, repeat above steps.

Using the program timer

- Press the POWER switch so that the unit is in the standby mode.
- Press the PROGRAM 1 = 2 button to select the program timer to be used.
To use program timer 1 and 2, press the PROGRAM 1 = 2 button so that the PROGRAM 1 and 2 indicators light. The PROGRAM indicator blinks for about 5 seconds.



- When the preset on time is reached, the program timer turns on and the selected preset station is received.
- When the preset off time is reached, the program timer turns off.

To cancel the program timer

Press the PROGRAM 1 = 2 button so that the PROGRAM 1 and/or 2 indicator goes off.

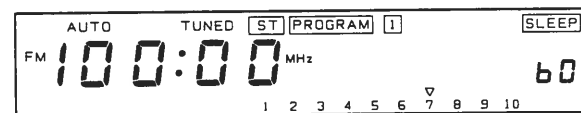
Notes on using program timer

- The program timer can be used only when the unit is in the standby mode.
- The unit should be set to standby mode before the preset program timer on time.
- If the PROGRAM 1 = 2 button or POWER switch is operated between preset timer on time or off time, the program timer may not function correctly.
- Two settings of the program timer 1 and 2 should be at different times.

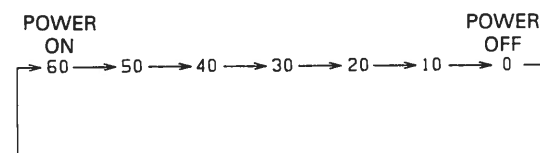
Using the sleep timer

The sleep timer can be used to turn the power off after up to 60 minutes. The power off time can be set with an interval of 10 minutes.

- Press the SLEEP button.
The SLEEP indicator lights and 60 is displayed.



- To turn the power off within 60 minutes, press the SLEEP button.
The displayed number changes as follows.



Note:

The sleep timer has priority over the program timer.

In case of difficulty

If your tuner should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your dealer or service representative.

Occurs during AM (MW/LW) reception only	Possible cause	Remedy
High-frequency whistle especially at night.	Interference from TV set. Beats from adjacent AM (MW/LW) station.	Turn off TV set, if problem disappears try relocating TV set. Impossible to eliminate, but try HIGH filter of your amplifier.
Intermittent buzz or cracking sound.	Lightning. Fluorescent lamps starting. Appliance or furnace starting.	No remedy. Try reversing AC plug. Try reversing AC plug.
Occurs during FM reception only	Possible cause	Remedy
Hiss that gets worse in stereo reception.	Very weak antenna input signal.	Consider an outdoor antenna installation. In areas remote from the transmitter a 5 to 8 element antenna designed exclusively for FM is suggested.
Rhythmic static or popping noises.	Automobile ignition noise, especially evident when receiving weak signals.	Review antenna installation. Site the antenna as far from the street as possible and use coaxial cable.
ST indicator fails to light during stereo broadcast.	Another possible effect of a very weak signal.	Antenna system needs attention (see above).

Specifications

KT-75

FM Tuner Section

Tuning frequency range.....	87.5 MHz – 108 MHz
Antenna impedance	300 ohms balanced 75 ohms unbalanced

Sensitivity

Usable sensitivity (IHF): MONO	0.95 μ V (10.8 dBf)
50 dB quieting sensitivity (IHF)	
Mono:.....	3.7 μ V (16.3 dBf)
Stereo:.....	49 μ V (39.0 dBf)

Total harmonic distortion

Mono: (75 kHz Dev.) 100 Hz.....	0.25 %
1,000 Hz	0.20 %
6,000 Hz	0.25 %
50 Hz ~ 10,000 Hz	0.29 %
Stereo: (75 kHz Dev.) 100 Hz	0.33 %
1,000 Hz	0.22 %
6,000 Hz	0.20 %
50 Hz ~ 10,000 Hz	0.60 %

Signal-to-Noise ratio

Mono: (75 kHz Dev.) 65 dBf input...	78 dB
85 dBf input...	78 dB
Stereo: (75 kHz Dev.) 65 dBf input ..	72 dB
85 dBf input ..	74 dB
Capture ratio.....	1.5 dB

Alternate channel selectivity

IHF: \pm 400 kHz	50 dB
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Stereo separation

1,000 Hz	45 dB
50 Hz ~ 10,000 Hz	35 dB
15,000 Hz.....	33 dB

Frequency response

30 Hz ~ 15,000 Hz	+0.5 dB, -2.5 dB
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Image rejection ratio (98 MHz)	43 dB
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IF rejection ratio (98 MHz).....	95 dB
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Spurious rejection ratio (98 MHz).....	81 dB
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AM suppression ratio	66 dB
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Sub-carrier suppression ratio	35 dB
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Output level/impedance

FM: 1,000 Hz, 100 % Dev. (fixed)....	0.6 V/3.3 kohms
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AM Tuner Section

Tuning frequency range.....	531 kHz – 1,602 kHz (9 kHz step) 530 kHz – 1,610 kHz (10 kHz step)
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Usable Sensitivity	14 μ V, 500 μ V/m
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Signal-to-Noise ratio

(30 % Mod; 1 mV input	49 dB
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Total harmonic distortion.....	0.5 %
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Image rejection ratio	40 dB
-----------------------------	-------

IF rejection ratio	50 dB
--------------------------	-------

Selectivity (IHF)	24 dB
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Output level/impedance 400 Hz,

30 % mod.....	0.18V/3.3 kohms
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General

Power Requirements.....	60 Hz 120V (U.S.A. and Canada models) 110 – 120 V/220 – 240 V, 50/60 Hz (Switchable)
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Power Consumption	12 W
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Dimensions	W: 420 mm (16-9/16") H: 72 mm (2-13/16") D: 268.5 mm (10-9/16")
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Weight (Net).....	2.7 kg (6.0 lb)
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Note:

We follow a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KT-75L

FM Tuner Section

Frequency range	87.5 MHz – 108 MHz
Antenna impedance	75 ohms unbalanced

Sensitivity

Mono: S/N 26 dB, 40 kHz Dev.....	0.77 μ V
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Stereo: S/N 46 dB, 46 kHz Dev.	25.1 μ V
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Limiting level

– 3 dB point, 40 kHz Dev.....	0.43 μ V
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Frequency response 30 Hz –

15 kHz	+0.5 dB, -2.5 dB
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Total harmonic distortion

Mono: 1 kHz, 40 kHz Dev.....	0.21 %
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Stereo: 1 kHz, 46 kHz Dev.	0.41 %
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Signal-to-Noise Ratio unweighted

Mono: 40 kHz Dev.; 1 mV input.....	68 dB
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Stereo: 46 kHz Dev.; 1 mV input.....	63 dB
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Signal-to-Noise Ratio weighted

Mono: 40 kHz Dev.; 1 mV input.....	69 dB
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Stereo: 46 kHz Dev.; 1 mV input.....	62 dB
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Capture Ratio	2.0 dB
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Alternate Channel Selectivity	64 dB (DIN: \pm 300kHz)
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FM stereo separation: 1 mV input

250 Hz	46 dB
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1 kHz.....	46 dB
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6.3 kHz.....	36 dB
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12.5 kHz	28 dB
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Image rejection ratio (98 MHz).....	76 dB
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IF rejection ratio (98 MHz).....	82 dB
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Spurious rejection ratio (98 MHz).....	93 dB
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AM suppression ratio	66 dB
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Sub-Carrier Suppression Ratio.....	35 dB
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do. 19 kHz, 46 kHz Dev.....	73 dB
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do. 38 kHz, 46 kHz Dev.....	78 dB
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Output level/impedance

at 1 kHz, 100 % Dev. (fixed)	0.6V/3.3 kohms
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MW Tuner Section

Tuning frequency range.....	531 kHz – 1602 kHz (9 kHz step)
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Usable Sensitivity	14 μ V (500 μ V/m)
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Signal-to-Noise ratio

(30 % mod, 1 mV input).....	49 dB
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Total harmonic distortion.....	0.5 %
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Image rejection ratio	40 dB
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IF rejection ratio	50 dB
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Selectivity (IHF)	24 dB
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Output level/impedance

(400 Hz, 30 % Mod.).....	0.18V/3.3 kohms
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LW Tuner Section

Tuning frequency range.....	153 kHz – 281 kHz (1 kHz step)
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Usable Sensitivity	17 μ V (1000 μ V/m)
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Signal-to-Noise ratio

(30 % mod, 1 mV input).....	47 dB
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Total harmonic distortion.....	0.5 %
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Image rejection ratio	37 dB
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IF rejection ratio	63 dB
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Selectivity (IHF)	35 dB
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Output level/impedance

(400 Hz, 30 % Mod.).....	0.18V/3.3 kohms
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General

Power requirements.....	220V, 50 Hz
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Power consumption.....	12 W
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Dimensions	W: 420 mm H: 72 mm D: 268.5 mm
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Weight (Net).....	2.7 kg
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KENWOOD