

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

For customers in the U.S.A.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Owner's Record

The model number is located at the front of the unit and the serial number is located at the rear of the unit. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. ICF-SW35 Serial No. _____

Before You Begin

Thank you for choosing the Sony world band receiver! The world band receiver will give you many hours of reliable service and listening pleasure.

Please read these instructions thoroughly before operating the world band receiver, and retain them in a handy place for future reference.

Features

- FM stereo/SW/MW/LW portable receiver with worldwide band coverage
- PLL (Phase Locked Loop) synthesizer system
- Presetting of up to 10 stations on each memory preset page for quick tuning (50 stations in total)
- Memory scan tuning of stations memorized on a memory preset page
- Steadily timer function to receive your favorite broadcast at the desired time
- Scan tuning to automatically scan the stations
- Sleep timer to turn off the radio automatically after the sleep timer setting (60, 45, 30 or 15 minutes) is reached
- Clock function
- FM stereo reception through stereo headphones (not supplied)

Choosing Power Source

Installing Batteries (See fig. A)

- Open the lid of the battery compartment at the rear of the unit.
- Install three R6 (size AA) batteries with the + and - poles facing the correct way and then close the lid.

"000" flashes on the display after you first install the batteries. To stop flashing, set the clock. (See "Setting the Clock.")

Battery Life (approximate hours)

| | Sony R6 (size AA) | Sony LR6 alkaline (size AA) |
|-----------------|-------------------|-----------------------------|
| FM reception | 17 | 46 |
| SW reception | 12 | 33 |
| LW/MW reception | 12 | 33 |

Knowing when to replace the batteries

When the batteries become weak, "00" flashes on the display. When the batteries are completely exhausted, "00" lights on the display and the power is turned off. When "00" lights, replace all the batteries with new ones.

When you replace the batteries

Replace the batteries within 60 seconds while the power is turned off. If you do not perform any operation for 60 seconds, the clock and standby settings will be deleted. However, the stations you preset will remain.

After the batteries are replaced, press ON/OFF to turn the indication off.

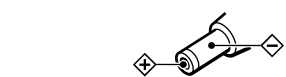
Using Other Power Sources

The internal batteries are automatically disconnected when the AC power adaptor is connected to the DC IN 4.5 V jack for external power source.

House current
Connect the Sony AC power adaptor (not supplied) to the DC IN 4.5 V jack firmly, and plug it into a wall outlet.

Notes on external power sources

- When operating the unit with an external power source, do not remove the batteries. These batteries serve to backup settings stored to memory. Since batteries discharge in this case as well, we recommend changing them about once a year.
- Before connecting and disconnecting the external power source plug, be sure to turn off the radio. Otherwise, "00" may be displayed. When this occurs, turn on the radio so that "00" disappears.
- When operating the unit with the internal batteries, remove the AC power adaptor from the wall outlet and the DC IN 4.5 V jack. Make sure that the plug of the external power source is disconnected before operating the unit.
- Use the recommended Sony AC power adaptor only. The polarity of the plugs of other manufacturers may be different. Failure to use the recommended AC power adaptor may cause the unit to malfunction.



* For details on the optional AC power adaptor, see "Specifications".

Setting the Clock

Set the time when the radio is turned off. Set the time after you first install the batteries or the clock setting is erased. At this time "0000" flashes.

- The clock operates in the 24-hour system. "0000" = midnight "12:00" = noon

Setting the clock

- Press and hold ENTER/CLOCK until you hear a beep. The hour indication starts flashing.



- Press ← or → under TUNE/SCAN/TIME SET to display the correct hour. The hour increases by pressing → +, and decreases by pressing ← -. To continuously increase or decrease the hour, keep → + or ← - hold down. You hear a double-beep when "00" is displayed.



- Press and hold ENTER/CLOCK again until you hear a beep.



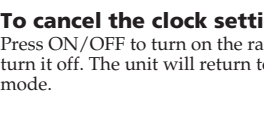
- Press ← or → + to display the correct minute. To continuously increase or decrease the minute, keep → + or ← - hold down. You hear a double-beep when the "00" is displayed.



- Press and hold ENTER/CLOCK until you hear a double-beep.



- Press and hold ENTER/CLOCK until you hear a double-beep. The colon ":" starts flashing and the clock operates.



Note
If you leave the radio for one minute with no operation, the clock setting will be aborted and the unit will return to the previous mode. In this case, repeat the procedure from step 1 to complete the clock setting.

To cancel the clock setting

Press ON/OFF to turn off the radio, and then turn it on. The unit will return to the previous mode.

Troubleshooting

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

There is no sound output.

- VOL (volume) is turned down completely.
- The stereo headphones are plugged in.
- The batteries are inserted with the + and - poles facing the wrong way.

Radio disconnects, even if you press POWER.

- The batteries are inserted with the + and - poles facing the wrong way.
- The batteries are exhausted ("00" flashes or light).
- The AC power adaptor is disconnected.

Sound quality is unsatisfactory, or reception is poor or cannot be received.

- Weak batteries ("00" flashes).
- Tuning and antenna orientation requires further adjustment.
- The radio signal is weak. Listen to the radio near a window when in a vehicle or building.
- ATT switch is set to ON. Set it to OFF, or adjust the ATT control.

Stations cannot be stored to memory.

- Press ENTER/CLOCK for at least two seconds and press the desired MEMORY/PRESET PAGE to select the preset number.

The preset station cannot be received during preset tuning.

- VOL (volume) is turned down completely.
- The number selected for the preset station is incorrect. Select the correct number assigned to the desired preset station.
- The preset stations have been erased from memory. Store the station to memory again.

Scan tuning does not work.

- NORMAL/FINE switch is set to FINE. Set it to NORMAL.

Memory scan tuning does not work.

- You did not select a page number by pressing MEMORY/PRESET PAGE. Press the desired MEMORY/PRESET PAGE, then press MEMORY SCAN.
- The scanned page has only one preset station.

Scanning does not stop.

- The ATT switch is set to ON. Set it to OFF, or adjust the ATT control.

The radio is not turned on when the preset standby time is reached.

- VOL (volume) is turned down completely.
- "STANDBY", " " or " " is not displayed.
- The hold function is operating.
- The preset standby time has been erased from memory because the batteries were not replaced within one minute after being removed from the unit. Store the standby time to memory again.

The buttons and controls are not operating.

- The hold function is operating and " " lights on the display until " " disappears from the display.

The display is dim.

- The unit is being used in extremely high or low temperatures, or in a place subject to excessive moisture.

The display shows no indication.

- The batteries are inserted with the + and - poles facing the wrong way.
- The batteries have run down.

Precautions

- Operate the unit only on 4.5 V DC. For battery operation, use three R6 (size AA) batteries. For AC operation, use only the recommended AC power adaptor.
- The unit is not disconnected from the AC power source (mains) as long as it is connected to a wall outlet, even if the unit itself has been turned off.

- Use the unit within a temperature range of 0°C to 40°C (32°F to 104°F). If it is used in temperatures outside this range, an irregular display may appear. If it is used in temperatures lower than this range, the display may change very slowly. These irregularities will disappear and there will be no damage to the unit when it is used in its recommended temperature range.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, sand, excessive dust or mechanical shock.

- The nameplate indicating operating voltage, etc., is located on the rear exterior.
- Should any solid object or liquid fall into the unit, disconnect the AC power adaptor and remove the batteries, and have the unit checked by qualified personnel before operating it any further. Make sure that no liquid or foreign material enters the DC IN 4.5 V jack of the unit. This may lead to the malfunction of the unit.

- Since a strong magnet is used for the speaker, keep personal credit cards, etc., using magnetic coding away from the unit.
- When the casing becomes soiled, clean it with a soft dry cloth moistened with mild detergent solution. Never use abrasive cleaners or chemical solvents, as they may deform the casing.
- In vehicles or buildings, radio reception may be difficult or subject to interference. Try listening near a window.

Service and repair

When sending in your unit for service and repair, take note of your important settings in the memory. These settings are sometimes erased from memory, depending on the type of repair necessary.

If you have any questions or problems concerning your unit, please consult the nearest Sony dealer.

Specifications

Circuit system

FM: Super heterodyne
LW/MW/SW: Dual conversion super heterodyne

Frequency range

FM: 76.00-108.00 MHz
87.50-108.00 MHz*
SW: 2250-26100 kHz*
3850-26100 kHz*
MW: 530-1710 kHz
530-1620 kHz*
LW: 150-285 kHz

Speaker

Approx. 66 mm (2 1/2 in.) diameter, 8 Ohms

Maximum output

240 mW (at 10% harmonic distortion)

Output

∅ (headphones) jack (6.35 mm stereo mini jack) 16 Ohms

Power requirements

DC 4.5 V, three R6 (size AA) batteries

External power source

DC 4.5 V

Dimensions

Approx. 168 × 106 × 35 mm (W × H × D)

Mass

Approx. 405 g (14.3 oz.) incl. batteries

Supplied Accessories

Carrying case (1)
Short wave guide (1)

Optional Accessories

AC power adaptor AC-E45RH
SW/MW/LW wide-range antenna AN-1, AN-102
SW active antenna AN-LP1

The AC power adaptor's operating voltage varies depending upon the country in which it is sold. Buy the AC power adaptor in the country you intend to use it.

Your Sony dealer may not handle all of the above listed optional accessories. Please ask your dealer for detailed information on the optional accessories available in your country.

- * Italy, Saudi Arabia and Malaysia
- * Countries except for Italy
- * Italy only

Design and specifications are subject to change without notice.

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AVERTISSEMENT

Afin d'éviter tout risque d'incendie et d'électrocution, ne pas exposer cet appareil à la pluie ni à l'humidité.

Afin d'éviter tout choc électrique, ne pas ouvrir le coffret. Pour toute réparation, faire appel à un professionnel uniquement.

Informations préliminaires

Merci pour l'achat de ce récepteur mondial Sony! Ce récepteur vous offrira de nombreuses heures d'écoute agréable en toute fiabilité. Avant d'utiliser ce récepteur minutieusement, veuillez lire attentivement ces instructions de lecture et conserver pour toute référence future.

Caractéristiques

- Récepteur FM stéréo/OC/PO/GO portable à couverture de gammes multiples.
- Système de synthétiseur PLL (Phase Locked Loop)
- Préréglage de 10 stations au maximum sur chaque page de préréglage pour un accord rapide (en 10 stations)
- Balayage des stations mémorisées sur une page
- Préréglage de l'heure de réception d'une émission
- Balayage des stations pour l'accord d'une station précise
- Minuteur somnifère pour l'extinction automatique de la radio après l'écoulement d'un certain temps (60, 45, 30 ou 15 minutes)
- Fonction d'horloge
- Réception FM stéréo par un casque stéréo (non fourni)

Sélection de la source d'alimentation

Mise en place des piles (Voir fig. A)

- Ouvrez le couvercle du logement des piles, à l'arrière de l'appareil.
- Installez trois piles R6 (format AA) en respectant les pôles + et -, puis fermez le couvercle.

"0000" clignote sur l'afficheur lorsque les piles sont en place. Pour arrêter le clignotement, régler l'horloge. (Voir "Réglage de l'horloge".)

Autonomie des piles (approximative en heures)

| | Sony R6 (format AA) | Sony LR6 alkaline (format AA) |
|---------------------------|---------------------|-------------------------------|
| Réception FM | 17 | 46 |
| Réception OC (SW) | 12 | 33 |
| Réception GO (LW/PO (MW)) | 12 | 33 |

Quand faut-il remplacer les piles ?

Lorsque les piles sont faibles, "00" clignote sur l'afficheur. Lorsque elles sont complètement vides, "00" s'allume sur l'afficheur et l'alimentation est coupée. Lorsque "00" s'allume, remplacez toutes les piles par des neuves.

Lorsque vous remplacez les piles

Remplacez les piles en l'espace de 60 secondes après la coupure de l'alimentation. Si vous ne les remplacez pas en 60 secondes, les réglages de l'horloge et de l'heure de mise en marche seront supprimés. Toutefois, les stations resteront préréglées.

Après le remplacement des piles, appuyez sur ON/OFF pour éteindre l'indication.

Utilisation d'autres sources d'alimentation

L'alimentation par les piles est automatiquement désactivée lorsque l'adaptateur secteur est branché sur la prise DC IN 4.5 V pour une alimentation externe.

Courant secteur

Raccordez un adaptateur secteur Sony (non fourni) à la prise DC IN 4.5 V et branchez-le ensuite sur une prise secteur.

Remarques sur les sources d'alimentation externe

- Lorsque vous faites fonctionner l'appareil sur une source d'alimentation externe, ne retirez pas les piles. Les préréglages sont conservés en mémoire par ces piles. Comme les piles se déchargent malgré tout, il est conseillé de les remplacer une fois par an.
- Avant de brancher et de débrancher la fiche de la source d'alimentation externe, n'oubliez pas d'éteindre la radio, sinon, "00" risque d'apparaître sur l'afficheur. Le cas échéant, allumez la radio pour que "00" disparaisse.
- Lors de l'alimentation de l'appareil par les piles, débranchez l'adaptateur secteur de la prise murale et de la prise DC IN 4.5 V. Assurez-vous que l'appareil est débranché de la source d'alimentation externe avant de l'allumer.
- Utilisez uniquement l'adaptateur secteur Sony recommandé. La polarité des fiches des adaptateurs d'autres fabricants peut être différente. Si vous n'utilisez pas l'adaptateur secteur recommandé, il est possible que l'appareil ne fonctionne pas correctement.



* Pour plus de détails sur l'adaptateur secteur en option, reportez-vous à la section "Spécifications".

Réglage de l'horloge

Réglez l'heure lorsque la radio est éteinte. L'heure doit être réglée après la première installation des piles ou lorsque les réglages de l'horloge ont été effacés. Dans ce cas, "0000" clignote.

Réglage de l'horloge

- Appuyez sur ENTER/CLOCK et maintenez la pression jusqu'à ce qu'un bip soit audible. L'indication des heures se met à clignoter.



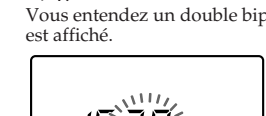
- Appuyez sur ← ou → + sous TUNE/SCAN/TIME SET pour afficher les heures correctes. Les heures augmentent lorsque vous appuyez sur → + et elles diminuent lorsque vous appuyez sur ← -. Pour augmenter ou diminuer en continu les heures, maintenez la pression sur → + ou ← -. Vous entendez un double bip lorsque "00" est affiché.



- Appuyez une nouvelle fois sur ENTER/CLOCK et maintenez la pression jusqu'à ce que vous entendiez un bip.



- Appuyez sur ← ou → + pour afficher les minutes correctes. Pour augmenter ou diminuer en continu les minutes, maintenez la pression sur ← ou → +. Vous entendez un double bip lorsque "00" est affiché.



- Appuyez sur ENTER/CLOCK et maintenez la pression jusqu'à ce que vous entendiez un double bip. Les deux points ":" se mettent à clignoter et l'horloge fonctionne.



Remarque

Si vous n'effectuez pas les opérations en l'espace d'une minute, le réglage de l'horloge sera invalide et l'appareil reviendra au mode antérieur. Dans ce cas, répétez l'opération depuis l'étape 1 pour redéfinir le réglage.

Pour annuler le réglage de l'horloge

Appuyez sur ON/OFF pour allumer puis pour éteindre la radio. L'appareil reviendra au mode antérieur.

Dépannage

En cas de problème, lisez les points suivants et si vous ne pouvez pas résoudre le problème, consultez le revendeur Sony le plus proche.

Aucun son.

- Le volume (touche VOL) est complètement réduit.
- Un cône stéréo est branché sur l'appareil.
- Les pôles des piles + et - sont mal orientés.

La radio est déconnectée, même lorsque vous appuyez sur POWER.

- Les pôles des piles + et - sont mal orientés.
- Les piles sont épuisées ("00" clignote ou est allumé).
- L'adaptateur secteur est débranché.

Qualité du son ou réception médiocre, ou réception impossible.

- Piles faibles ("00" clignote).
- La station et l'orientation de l'antenne doivent être réglées plus précisément.
- Le signal radio est faible. Écoutez la radio près d'une fenêtre lorsque vous êtes dans un véhicule ou un immeuble.
- Le commutateur ATT est réglé sur ON. Réglez-le sur OFF ou ajustez la commande ATT.

Impossible de prérégler des stations.

- Appuyez sur ENTER/CLOCK pendant au moins deux secondes, puis appuyez sur la touche MEMORY/PRESET PAGE souhaitée pour sélectionner un numéro de page de préréglage.

La station préréglée ne peut pas être reçue lors de l'accord de stations préréglées.

- Le volume (touche VOL) est complètement réduit.
- Le numéro de station préréglée sélectionné n'est pas correct. Sélectionnez le numéro où la station a été préréglée.
- Les stations préréglées ont été effacées de la mémoire. Préréglez une nouvelle fois les stations.

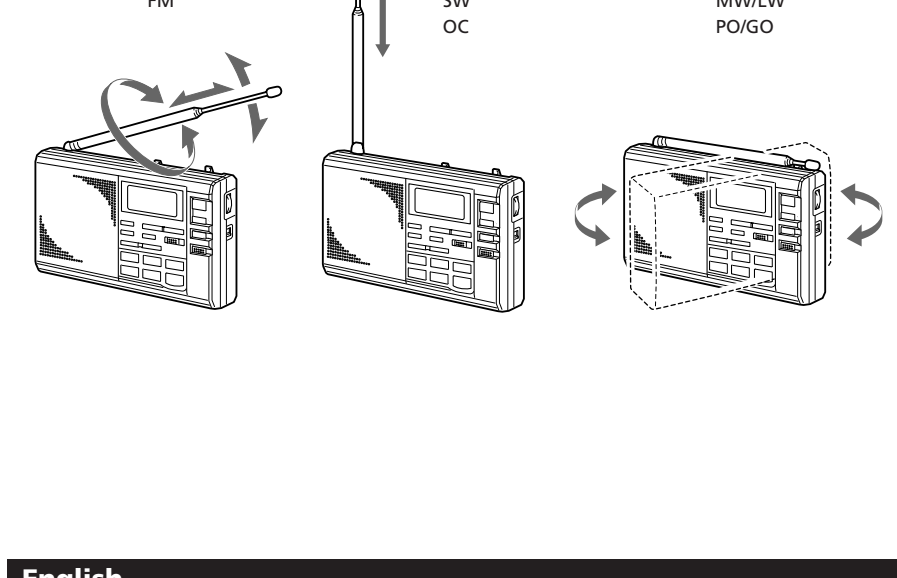
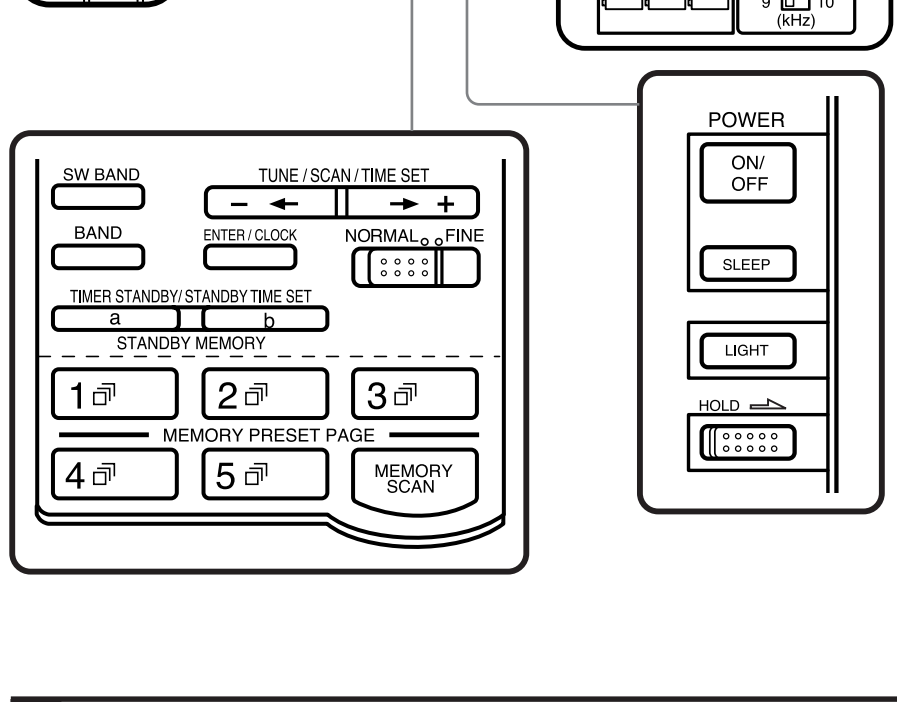
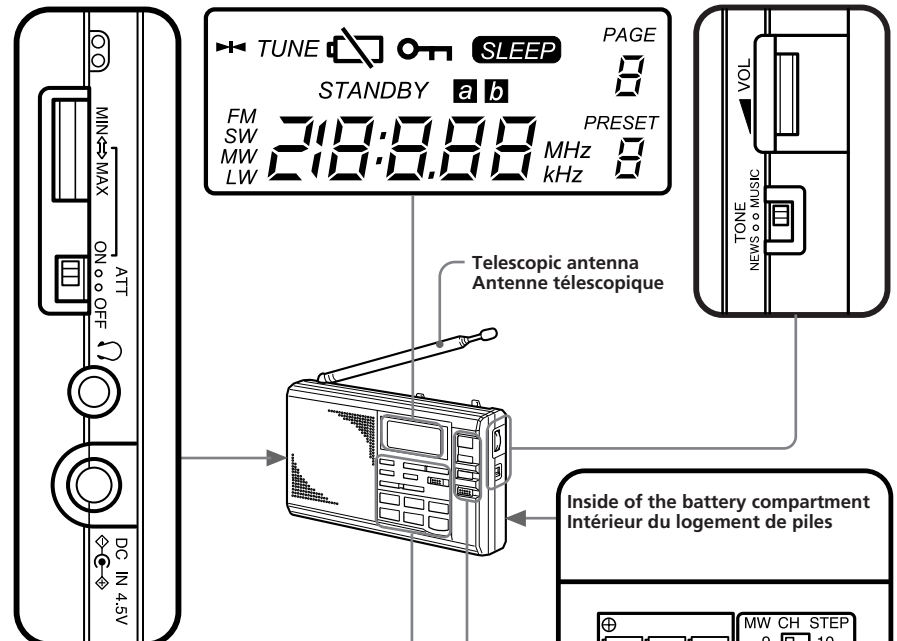
Le balayage des stations ne fonctionne pas.

- Le commutateur NORMAL/FINE est réglé sur FINE. Réglez-le sur NORMAL.

Le balayage des stations préréglées ne fonctionne pas.

- Vous n'avez pas sélectionné de numéro de page en appuyant sur MEMORY/PRESET PAGE. Appuyez sur la touche MEMORY/PRESET PAGE souhaitée, puis appuyez sur MEMORY SCAN.
- La page balayée ne contient qu'une station.

Le balayage ne s'arrête pas.



English

Operating the Radio

Before operating the radio, make sure of your location. In some countries, the MW channel step must be changed. (For details, see "Changing the MW channel step".)

Manual Tuning

- Press ON/OFF to turn on the radio.
- Press BAND to select the band. Each press changes the display as follows:
[LW] → [MW] → [SW] → [FM]

A double-beep sounds when you select LW. (The last frequency selected in each band appears on the display.)

- When you select SW, press ← or → under TUNE/SCAN/TIME SET while pressing SW BAND to select a meter band. See "Scan Tuning" for details on the meter band.
- When you select LW, MW and FM, follow the step 4.

- Tune into the desired station by pressing ← or →.
- A double-beep sounds when the minimum buoyancy of each band is reached during tuning. When a broadcast is received, ►TUNE is displayed on the display.
- Turn the VOL (volume) to adjust the volume.

About frequency step

The frequency step used by pressing ← or → under TUNE/SCAN/TIME SET can be changed with the NORMAL/FINE.

| Band | NORMAL | FINE |
|------|--------------|----------|
| LW | 9 kHz | 1 kHz |
| MW | 9 kHz/10 kHz | 1 kHz |
| SW | 5 kHz | 1 kHz |
| FM | 0.05 MHz | 0.05 MHz |

* See "Changing the MW channel step" for details on the MW channel step.
 • Scan tuning is started by keeping ← or → under TUNE/SCAN/TIME SET. (See "Scan Tuning".)
 • The frequency changes continuously by keeping ← or → or hold down while FINE is selected. If you press ►TUNE, the frequency stops changing.

To turn off the radio

Press ON/OFF.

To enjoy FM stereo reception

Plug the stereo headphones (not supplied) into the 3.5 (headphone) jack.

When listening to news

Set the TONE selector to NEWS for optimum results. Vocal output will be sharper and clearer. When listening to music, set the TONE selector to MUSIC for optimum results.

Changing the MW channel step

This radio's frequency channel step in the MW band is set to 9 kHz/10 kHz before the radio is shipped from the factory. The default setting varies depending on the country where the radio is sold. Change the MW channel step when listening in countries in these regions.

| Area | channel step |
|---------------------|--------------|
| North/South America | 10 kHz |
| Other countries | 9 kHz |

- Press ON/OFF to turn off the radio.
- Remove the batteries from the unit.
- Change the position of the MW CH STEP in the battery compartment to the desired channel step.
- Install the batteries and press ON/OFF.

Notes
 • Completely perform steps 2 to 4 within 60 seconds. If you do not perform the operations within 60 seconds, the clock setting will be erased.
 • Reception of around 10250 kHz and 20500 kHz may be difficult because of spurious internal signals generated by the built-in oscillators.

Scan Tuning

Use scan tuning to automatically scan the stations in the frequency range of a broadcast band.

- Press ON/OFF to turn on the radio.
- Press BAND to select the band.
- If you select SW, select the meter band too.
- Set NORMAL/FINE to NORMAL.

- Press and hold ← or → under TUNE/SCAN/TIME SET. Release the button when the frequency indication starts changing.
- TUNE is displayed on the display.
- When the radio tunes into the desired station, press ← or → again to stop scanning.
- If you select SW, scan tuning will continue. If necessary, tune the station more precisely by pressing either ← or →.

The unit scans the frequencies in descending order when you hold down ← or → for two seconds or more, and in ascending order when you hold down → or ← for two seconds or more.
 • To change the scanning direction, hold down either ← or → opposite to the current direction for two seconds or more. This is convenient when, for example, you want to return to the previous reception after the unit has resumed scanning.
 • When scanning MW broadcasts at night when reception is intense, or when scanning under prevailing interference, the scanning will pause frequently. If it occurs, switch the ATT switch ON and adjust sensitivity with the ATT control (see "Controlling scan pauses", below). Under normal conditions, set the ATT switch to OFF.

Controlling scan pauses using the ATT switch and the ATT control

Use the ATT (attenuator) switch and the ATT control to control reception sensitivity when the scanning pauses frequently or scanning under prevailing interference. Under normal conditions, set the ATT switch OFF (ie., with maximum sensitivity).

The ATT control is activated when the ATT switch is switched to ON. Turn the ATT control toward MAX to reduce sensitivity. The radio will skip weak signals at or until any strong ones.

Note

If the ATT control is turned too far toward MAX, the radio will not stop at weak signals at all. Set the ATT switch to OFF if you do not need to use the attenuator.

English

| Band | Frequency range | Scan tuning range | Meter band |
|------|-----------------|-------------------|------------|
| LW | 150-285* | 153-275 | |
| MW | 530-1710** | 531-1710** | |
| | 530-1620** | 531-1620** | |
| | 530-1620** | 531-1620** | 120 m |
| SW | 2250-2950*** | 2250-2950*** | 120 m |
| | 3150-3450*** | 3150-3450*** | 90 m |
| | 3850-4050 | 3850-4050 | 75 m |
| | 4750-5100 | 4750-5100 | 60 m |
| | 5900-6250 | 5900-6250 | 49 m |
| | 7100-7400 | 7100-7400 | 41 m |
| | 9400-10000 | 9400-10000 | 31 m |
| | 11500-12150 | 11500-12150 | 25 m |
| | 13500-13800 | 13500-13800 | 22 m |
| | 15000-15900 | 15000-15900 | 19 m |
| | 17450-18000 | 17450-18000 | 16 m |
| | 18850-19100 | 18850-19100 | 15 m |
| | 21450-21950 | 21450-21950 | 13 m |
| | 25600-26100 | 25600-26100 | 11 m |
| FM | 76.00-108.00** | 76.00-108.00** | |
| | 87.50-108.00** | 87.50-108.00** | |

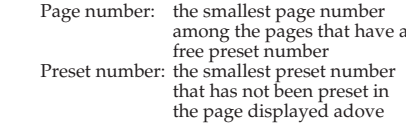
* The LW and MW frequency ranges are the same as the scan tuning range when NORMAL/FINE is set to NORMAL.
 ** Countries except for Italy, Saudi Arabia and Malaysia.
 *** Italy, Saudi Arabia and Malaysia.
 • 9 kHz channel step
 • 10 kHz channel step
 • Italy only

Preset Tuning

You can preset up to 10 stations on each MEMORY PRESET PAGE (50 stations in total.) Once you preset a station to memory, you can receive the broadcast merely by pressing MEMORY PRESET PAGE. The page number is displayed as 1-5, the preset number is displayed as 1-0. (0 indicates 10.)

To preset stations

- Tune into the station you want to preset. Refer to "Manual Tuning" or "Scan Tuning" for more details.
- Press and hold ENTER/CLOCK down until you hear a beep. Page number 1 and preset number 1 flash when you are presetting a station for the first time or when you have preset 50 stations. In other cases, the number flashes as follows: Page number: the smaller page number among the pages that have a free preset number. Preset number: the smallest preset number that has not been preset in the page displayed above.



- Press the desired page number of MEMORY PRESET PAGE. For example, press page number 3. The display changes as illustrated below.



- Press the number under the MEMORY PRESET PAGE you have selected repeatedly to display the desired preset number. The preset number changes as follows: 1 → 2 → 3 → 4 → 5 → 6 → 7 → 8 → 9 → 0

A double-beep sounds when the display returns to "1". For example, select preset number 7. The display changes as illustrated below.

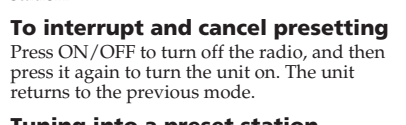


- Press ENTER/CLOCK until a double-beep sounds. The page number and the preset number flash.

Note
 • You leave the radio for 30 seconds with no operation while the page number and preset number are flashing, the unit returns to the previous mode.
 • To change the preset station
 Follow the same procedure to store a new station to the selected preset number. The previous preset station is overwritten by the new preset station.
 • To interrupt and cancel presetting
 Press ON/OFF to turn off the radio, and then press it again to turn the unit on. The unit returns to the previous mode.

Tuning into a preset station

- Press ON/OFF to turn on the radio.
- Press MEMORY PRESET PAGE repeatedly to display the desired preset number. Numbers that have not been preset cannot be displayed. A double-beep sounds if the smallest preset number is selected.
- Press STANDBY MEMORY a or b. For example, when you press STANDBY MEMORY a, "PRESET" and "2" start flashing.

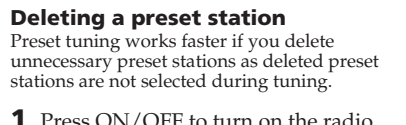


- Press ENTER/CLOCK until you hear a double-beep.
- Press ON/OFF to turn off the radio.
- Press STANDBY MEMORY a or b until you hear a beep. For example, when you press STANDBY MEMORY a, ►TUNE and the hour indication start flashing.

►TUNE is displayed on the display. The radio will turn off automatically after about 60 minutes.

Deleting a preset station
 Preset tuning works faster if you delete unnecessary preset stations as deleted preset stations are not selected during tuning.

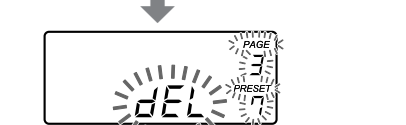
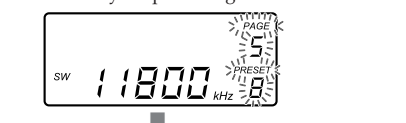
- Press ON/OFF to turn on the radio.
- Press MEMORY PRESET PAGE repeatedly to display the preset number you want to delete.



- Press and hold ENTER/CLOCK down until "dEL" flashes. "dEL" flashes on the display by keeping ►ENTER/CLOCK held down longer than the page number and preset number are flashing. When these numbers are flashing, the radio stands by for presetting the station.



- Press and hold ENTER/CLOCK down until "dEL" flashes. "dEL" flashes on the display by keeping ►ENTER/CLOCK held down longer than the page number and preset number are flashing. When these numbers are flashing, the radio stands by for presetting the station.



Français

4 Press ENTER/CLOCK again until a double-beep sounds. The page number and preset number disappear from the display.

Note
 If you leave the radio for 30 seconds with no operation while the page number, preset number and "dEL" are flashing, the unit returns to the previous mode.

To interrupt and cancel deleting
 Press ON/OFF to turn off the radio, and then press it again to turn the unit on. The unit returns to the previous mode.

Memory Scan Tuning

Use memory scan tuning to scan the preset stations automatically in one page.

- Press ON/OFF to turn on the radio.
- Press STANDBY MEMORY a or b. The radio receives the preset station. If there is no preset station, a double-beep sounds and the display changes as illustrated below.
- Press MEMORY SCAN.

Scanning stops when the radio receives a preset station in the page. If you want to select other preset stations, press MEMORY SCAN again. The preset numbers that have not been preset will be skipped.

• Scanning works faster if you preset frequencies in descending or ascending order in preset number orders.

To interrupt and cancel memory scan tuning

Press MEMORY SCAN during memory scan tuning.

When preset stations cannot be received by memory scan tuning

A double-beep sounds when you select the first preset number you scan tuning is returned to. For example, you scan page 1 that has stations preset to preset numbers 2, 4, 6 and 8, and start scanning from preset number 6. A double-beep sounds when 6 is returned to.

• When scanning MW broadcasts at night when reception is intense, or scanning under prevailing interference, scanning will pause frequently. If it occurs, switch the ATT switch ON and adjust sensitivity with the ATT control (see "Controlling scan pauses"). Under normal conditions, use the radio with the ATT switch set to OFF.

• The alarm volume is not adjustable.
 • When the standby time is reached while you are listening to the radio, the radio turns off and the alarm sounds.

Improving Reception (See fig. B)

Adjusting the antenna

FM Extend the telescopic antenna and adjust the direction and angle for the best reception.
SW Extend the telescopic antenna to its full length and set it vertically.

MW, LW Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built in the unit.

Using an external antenna

Use the wide-range antenna AN-1, AN-102 or the SW active antenna AN-LPI (not supplied). For details, refer to the operating instructions of each antenna.

Notes

• Keep the unit and antenna away from fluorescent lights, TVs, computers, and other equipment which may generate noise.
 • Retract the telescopic antenna when using an external antenna.
 • Set up the external antenna as far away from the street as possible.
 • Note that the SW active antenna AN-LPI may not function as usual when it is connected to this radio and memory scan tuning is in use. This is because AN-LPI selects frequencies by the antenna controller.

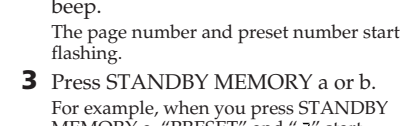
Setting the Standby Time

Standby function

You can turn on the radio and tune into your favorite station at the desired time.

- Before you set standby, make sure that the radio's clock setting is correct.
- Two standby times can be stored to STANDBY MEMORY a and b.
- Before you set the standby time, adjust VOL (volume) to set the volume when the radio is turned on.

- Receive the desired broadcast station.
- Press ENTER/CLOCK until you hear a beep.
- Press STANDBY MEMORY a or b. For example, when you press STANDBY MEMORY a, "PRESET" and "2" start flashing.



- Press ENTER/CLOCK until you hear a double-beep.
- Press ON/OFF to turn off the radio.
- Press STANDBY MEMORY a or b until you hear a beep. For example, when you press STANDBY MEMORY a, ►TUNE and the hour indication start flashing.

►TUNE is displayed on the display. The radio will turn off automatically after about 60 minutes.

- Press and hold ENTER/CLOCK until you hear a double-beep.
- Press ON/OFF to turn off the radio.
- Press STANDBY MEMORY a or b until you hear a beep. For example, when you press STANDBY MEMORY a, ►TUNE and the hour indication start flashing.

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- Press ON/OFF to turn off the radio.
- Press STANDBY MEMORY a or b until you hear a beep. For example, when you press STANDBY MEMORY a, ►TUNE and the hour indication start flashing.

►TUNE is displayed on the display. The radio will turn off automatically after about 60 minutes.

Fonctionnement de la radio

Avant de faire fonctionner la radio, vérifiez le lieu d'utilisation. Dans certains pays, l'interface des canaux PO devra être changée. (Pour les détails, voir "Changement de l'intervalle des canaux PO".)

Notes
 • Once a standby time is set, the radio turns on at the preset standby time everyday unless the standby setting is canceled.
 • The standby function activates even while you are listening to other stations.

Activating the Alarm

To activate the alarm instead of the radio at the desired time, delete the station assigned to either STANDBY MEMORY a or b as necessary.

- Press ON/OFF to turn on the radio.
- Press STANDBY MEMORY a or b. The radio receives the preset station. If there is no preset station, a double-beep sounds and the display changes as illustrated below.
- Press MEMORY SCAN.

Scanning stops when the radio receives a preset station in the page. If you want to select other preset stations, press MEMORY SCAN again. The preset numbers that have not been preset will be skipped.

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• The alarm volume is not adjustable.
 • When the standby time is reached while you are listening to the radio, the radio turns off and the alarm sounds.

Setting the Sleep Timer

Sleep Timer Function

Enjoy falling asleep to the radio using sleep timer. The radio turns off automatically after the sleep timer setting (60, 45, 30 or 15 minutes) is reached.

- Press SLEEP. The sleep timer setting of "60" minutes is displayed and "SLEEP" flashes. The radio turns on if it was turned off.

- Press SLEEP repeatedly to select the desired sleep timer setting while "SLEEP" is flashing. Each press changes the display as follows: →60 →45 →30 →15

A double-beep sounds when the display returns to "60". "SLEEP" lights three seconds after you select the sleep timer setting while "SLEEP" is flashing. After the sleep timer indication disappears and the frequency indication appears, the sleep timer activates.

- Tune into the desired station, and adjust the VOL (volume). The radio will turn off automatically after the sleep timer setting is reached.

To turn off the radio before the sleep timer setting is reached

Press ON/OFF.

To reset or extend the sleep timer setting

Press SLEEP again and select the desired sleep timer setting.

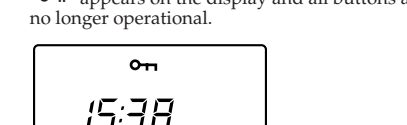
Using Other Functions

Hold Function

When the hold function is used, the buttons are not operational. Use the hold function to prevent accidental operation. The hold function can also be used to temporarily cancel the standby function.

To use the hold function

Slide HOLD in the direction of the arrow. "dEL" appears on the display and all buttons are no longer operational.



- Press and hold ENTER/CLOCK until you hear a double-beep.
- Press ON/OFF to turn off the radio.
- Press STANDBY MEMORY a or b until you hear a beep. For example, when you press STANDBY MEMORY a, ►TUNE and the hour indication start flashing.

►TUNE is displayed on the display. The radio will turn off automatically after about 60 minutes.

- Press and hold ENTER/CLOCK until you hear a double-beep.
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- Press ON/OFF to turn on the radio.
- Press STANDBY MEMORY a or b. The radio receives the preset station. If there is no preset station, a double-beep sounds and the display changes as illustrated below.
- Press MEMORY SCAN.