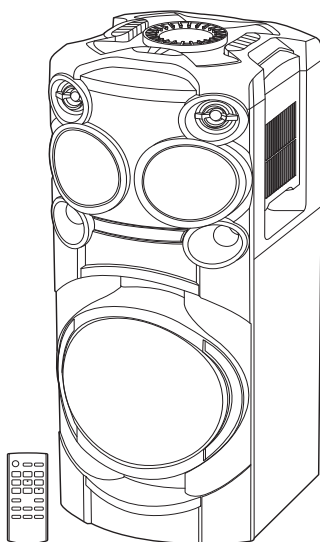


Operating Instructions

Wireless Speaker System

Model No. **SC-TMAX40**
SC-TMAX50



This illustration shows SC-TMAX40.

Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully.

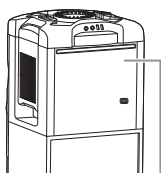
Please keep this manual for future reference.

These operating instructions are applicable for models SC-TMAX40 and SC-TMAX50.

TMAX40: Indicate features applicable to SC-TMAX40.

TMAX50: Indicate features applicable to SC-TMAX50.

Unless otherwise indicated, illustrations in these operating instructions are of SC-TMAX40. Your system and the illustrations can look differently.



**CLASS 1
LASER PRODUCT**

The symbols on this product (including the accessories) represent the following:

- ~ AC
-  Class II equipment (The construction of the product is double-insulated.)
- | ON
-  Standby

Recording and playback of content on this (or any other) device may require permission from the copyright owner. Panasonic has no authority to and does not grant you that permission and explicitly disclaims any right, ability or intention to obtain such permission on your behalf. It is your responsibility to ensure that your use of this or any other device complies with applicable copyright law in your country.

For Mexico, Central America and the Caribbean

Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

For Mexico

Information of Conformity to Standards for Wireless Connections

Brand: Panasonic
Model(s): SC-TMAX40
IFT No.: RCPASC19-0670-A2
Model(s): SC-TMAX50
IFT No.: RCPASC19-0670-A3

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Safety precautions

WARNING!

Unit

- To reduce the risk of fire, electric shock or product damage,
 - Do not expose this unit to rain, moisture, dripping or splashing.
 - Do not place objects filled with liquids, such as vases, on this unit.
 - Use the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.
 - Do not let metal objects fall inside this unit.

CAUTION!

Unit

- To reduce the risk of fire, electric shock or product damage,
 - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
 - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
 - Do not place sources of naked flames, such as lighted candles, on this unit.
- This unit is intended for use in moderate climates.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.

- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Set the unit up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration.
- This system might get warm after prolonged usage. This is normal. Do not be alarmed.

AC power supply cord

- The mains plug is the disconnecting device. Install this unit so that the mains plug can be unplugged from the socket outlet immediately.

Battery

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Do not heat or expose to flame.
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
- Do not break open or short-circuit the battery.
- Do not charge the alkaline or manganese battery.
- Do not use the battery if the cover has peeled off.
- Remove the battery if you do not use the remote control for a long period of time. Keep in a cool, dark area.

Supplied accessories

Check and identify the supplied accessories.

- ☐ 1 AC power supply cord
- ☐ 1 FM indoor antenna



- ☐ 1 Remote control (N2QAYB001216)
- ☐ 1 Remote control battery
- ☐ 1 Power plug adapter

References

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

Frequency band

- This system uses the 2.4 GHz frequency band.

Certification

- This system conforms to the frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
 - Taking apart or modifying the unit.
 - Removing specification indications.

Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- All devices must conform to standards set by the Bluetooth SIG, Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

Range of use

- Use this device at a maximum range of 10 m.
- The range can decrease depending on the environment, obstacles or interference.

Interference from other devices

- This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This system may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

Intended usage

- This system is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc.).

Licenses

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.

Android and Google Play are trademarks of Google LLC.

Customer Service

Customer Service Directory

Obtain products information and operative assistant; localize the closer distributor or Service Center; buy spare parts and accessories by our Web Site to Latin America or calling our Contact Center:

COUNTRY	WEB SITE	CONTACT CENTER
Panama	www.panasonic.com/pa/soporte/	800-7262
Colombia	www.panasonic.com/co/soporte/	01-8000-947262
Ecuador	www.panasonic.com/pa/soporte/	1-800-726276
Costa Rica	www.panasonic.com/pa/soporte/	800-7262737
El Salvador	www.panasonic.com/pa/soporte/	800-7262
Guatemala	www.panasonic.com/pa/soporte/	1-801-811-7262
Uruguay	www.panasonic.com/pa/soporte/	0-800-7262
Paraguay	www.panasonic.com/pa/soporte/	0-800-11-7262
Chile	www.panasonic.com/cl/soporte/	800-390-602 022-797-5000
Peru	www.panasonic.com/pe/soporte/	0800-00726
Venezuela	www.panasonic.com/pa/soporte/	800-7262-800
Mexico	www.panasonic.com/mx/soporte/	01800-847-7262 55-5000-1200
Argentina	www.panasonic.com/ar/soporte/	0800-333-7262 0810-321-7262
Dominican Rep.	www.panasonic.com/pa/soporte/	809-200-8000

For Caribbean countries that speak English please enter this web site in order to find information of our products and operative assistant:
www.panasonic.com/caribbean

Maintenance

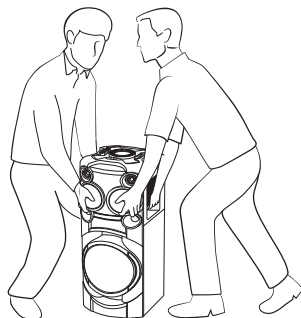
Disconnect the AC power supply cord before maintenance. Clean this system with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this system.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Transporting the unit

Preparation

Disconnect all connected devices and cables from the unit.



Note:

- Keep the unit at least 10 mm away from other objects for proper ventilation.
- The speakers do not have magnetic shielding. Do not put them near PCs or other equipment easily influenced by magnetism.
- When you play at high levels for a long period, it can cause damage to the speakers and decrease the life of the speakers.
- Decrease the volume in these conditions to prevent damage:
 - When the sound is distorted.
 - When you adjust the sound quality.

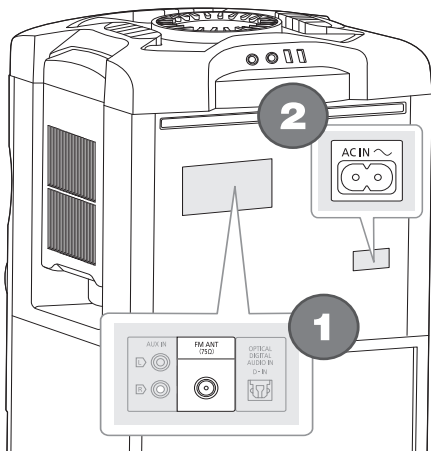
CAUTION!

- Improper handling or transportation manner may cause the unit to fall, etc., resulting in damage and/or personal injury.
- Do not touch the speaker cone's reverberating surfaces:
 - This may damage the speaker cone.
 - The speaker cone may be hot.
- Do not put the unit on a table or any elevated surface.
- Do not allow children to climb on the unit.
- Be careful when babies or children are near.



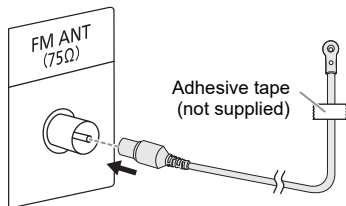
Making the connections

Connect the AC power supply cord only after all the other connections have been made.



1 Connect the FM indoor antenna.

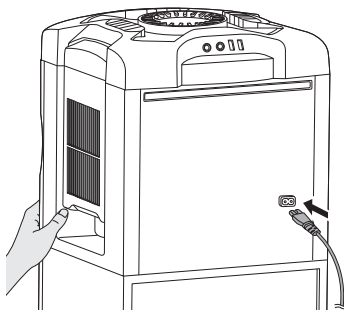
Put the antenna where reception is best.



2 Connect the AC power supply cord.

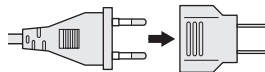
Do not use any other AC power supply cords except the supplied one.

Hold the unit when connecting or disconnecting the AC power supply cord to prevent the unit from falling.



To household AC outlet

If the power plug does not fit your socket, use the supplied power plug adapter.



Conserving power

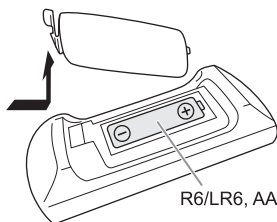
The system consumes a small amount of power even when it is in standby mode. Disconnect the power supply if you do not use the system.

Some settings will be lost after you disconnect the system. You have to set them again.

Note:

Keep the antennas away from the AC power supply cord to avoid picking up noise.

Preparing the remote control

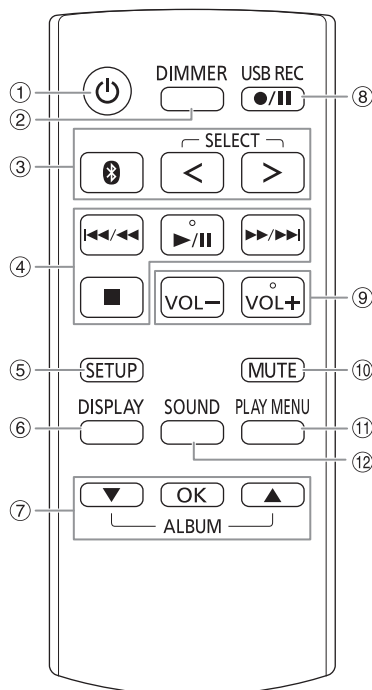


Use alkaline or manganese battery.

Install the battery so that the poles (+ and -) align with those in the remote control.

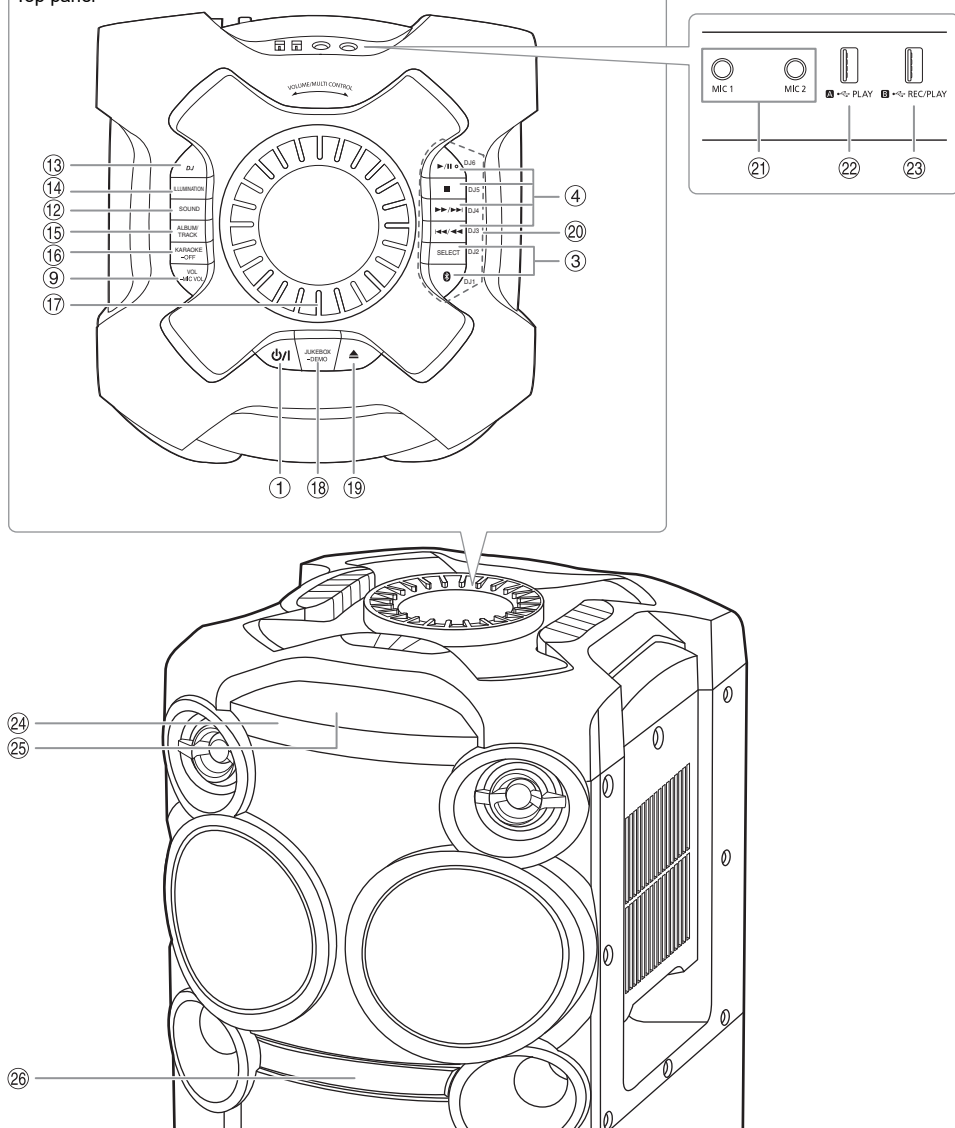
Overview of controls

Do the procedures with the remote control. You can also use the buttons on the unit if they are the same.



- ① **Standby/on switch** [⏻], [⏻/⏹]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- ② **Decrease the brightness of the display panel**
The illumination is also switched off.
To cancel, press the button again.
- ③ **Select the audio source**
Press [SELECT <, >] (unit: [SELECT]) repeatedly to select the source:
USB A → USB B → CD → FM
↑
BLUETOOTH ← AUX ← D-IN
↓
On the unit:
To start Bluetooth® pairing, press and hold [Ⓜ].
- ④ Basic playback control
- ⑤ View the setup menu
- ⑥ View the content information
- ⑦ Select or confirm the option
- ⑧ Recording operation control
- ⑨ **Adjust the volume level**
On the unit:
Press [VOL] and then turn [VOLUME/MULTI CONTROL] to adjust the volume.
Adjust the microphone volume level
Press and hold [–MIC VOL] until “MIC VOL” is shown. Turn [VOLUME/MULTI CONTROL] to adjust the volume.
- ⑩ **Mute the sound**
To cancel, press the button again.
“MUTE” is also canceled when you adjust the volume or when you switch off the system.
- ⑪ View the play menu
- ⑫ Select the sound effects
- ⑬ Select DJ effect or DJ sampler
- ⑭ Select the illumination effects
- ⑮ **Select MP3 album or track**
Press [ALBUM/TRACK] to select album or track.
Browse tracks or albums
Press [▲, ▼] or turn [VOLUME/MULTI CONTROL] to browse.
To start playback from the selection, press [▶/⏹].
- ⑯ **Select the Karaoke effects**
To cancel, press and hold [–OFF] until “OFF EFFECT” is shown.
- ⑰ **Volume or multi control knob**
Do not turn knob fast to prevent irregular of volume operation.
- ⑱ **Select DJ jukebox**
Select DEMO play
Press and hold [–DEMO] for more than 2 seconds, the built-in demonstration song will be played.
Press [■] to stop the demonstration.
- ⑲ Open or close the disc tray

Top panel



20 DJ function direct buttons

Press [DJ] to switch on the DJ function.
Press [DJ1] to [DJ6] to select the desired function.
To cancel, press the selected [DJ1] to [DJ6] again.

21 Microphone jack

22 USB A

USB port (•<-)
Play MP3 tracks.

23 USB B

USB port (•<-)
Play MP3 tracks.
Record sound or music tracks.

24 Remote control sensor

Point the remote control at the remote control sensor, away from obstacles and within the operation range.
Distance: Within approximately 7 m
Angle: Approximately 20° up and down, 30° left and right

25 Display panel

26 Disc tray

Preparing media

Disc

- 1 Press [▲] on the unit to open the disc tray.
Put in a disc with the label facing up.
Press again to close the disc tray.
- 2 Press [SELECT <, >] repeatedly to select "CD".

USB

Preparation

Before you connect a USB device to the system, make sure you do a backup of the data.

- 1 Decrease the volume and connect the USB device to the USB port.
- 2 Press [SELECT <, >] repeatedly to select "USB A" or "USB B".

Note:

- Do not use a USB extension cable. The system cannot recognize USB device connected through a cable.
- Some devices cannot be charged as the maximum USB charging current is 0.5 A only.

Bluetooth®

You can connect and play an audio device wirelessly through Bluetooth®.

Preparation

- Switch on the unit.
- Switch on the Bluetooth® feature of the device and put the device near the system.
- Read the operating instructions of the device for details.

Pairing a device

Preparation

If this system is connected to a Bluetooth® device, disconnect it (⇒ 8).

- 1 Press [Ⓜ].
If "PAIRING" is shown, continue with step 3.
- 2 Press [PLAY MENU] to select "PAIRING" and then press [OK].
- 3 Select "SC-TMAX40" or "SC-TMAX50" from the Bluetooth® menu of the device.
If prompted for a passkey, input "0000" or "1234".
The device connects with this system automatically after pairing is complete.
The MAC address (example: 6C:5A:B5:B3:1D:0F) may be shown before "SC-TMAX40" or "SC-TMAX50" is shown.
The name of the connected device is shown for a few seconds.

Using the unit

- 1 Press and hold [Ⓜ] until "PAIRING" is shown.
- 2 Select "SC-TMAX40" or "SC-TMAX50" from the Bluetooth® menu of the device.

Note:

- You can pair up to 8 devices with this system. If a 9th device is paired, the device that has not been used for the longest time will be replaced.
- Depending on the searching functionality of the Bluetooth® device and the surrounding environment, if the product name is not shown on the Bluetooth® menu of the device, switch off and then switch on the Bluetooth® feature of the device repeatedly during the pairing process.

Connecting a device

Preparation

If this system is connected to a Bluetooth® device, disconnect it (⇒ 8).

- 1 Press [Ⓜ].
"BLUETOOTH READY" is shown.
- 2 Select "SC-TMAX40" or "SC-TMAX50" from the Bluetooth® menu of the device.
The name of the connected device is shown for a few seconds.
- 3 Start playback on the device.

Note:

- A device must be paired to connect.
- When "BLUETOOTH" is selected as the source, this system will automatically try to connect to the last connected device. ("LINKING" is shown during this process.)

Multi Connect

This system supports Multi Connect, which can connect up to 3 devices simultaneously.

To switch between the connected devices

When one of the connected devices is playing, you can easily switch control to another connected device simply by starting a playback on that device. The previous playback will be paused automatically.

Note:

This function may not work for some apps or devices (depending on app or device specifications).

Disconnecting a device

While a Bluetooth® device is connected

- 1 Press [PLAY MENU] repeatedly to select "DISCONNECT?".
- 2 Press [▲, ▼] to select "OK? YES" and then press [OK].
"BLUETOOTH READY" is shown.
To cancel, select "OK? NO".

Using the unit

Press and hold [Ⓜ] until "PAIRING" is shown.

Note:

- This function disconnects all connected devices.
- A device is disconnected when you:
 - Select a different source.
 - Move the device out of the maximum range.
 - Disable the Bluetooth® transmission of the device.
 - Switch off the system or the device.

Media playback

The following marks indicate the availability of the feature.

- CD**: CD-R/RW in CD-DA format or with MP3 files.
- USB**: USB device with MP3 files.
- BLUETOOTH**: Bluetooth® device.

Basic playback

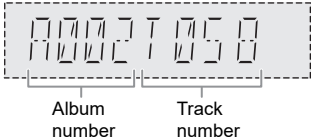
CD	USB	BLUETOOTH
Play	Press [▶/II] .	
Stop	Press [■] . USB The position is memorized. "RESUME" is shown. Press again to stop fully.	
Pause	Press [▶/II] . Press again to continue playback.	
Skip	Press [◀◀/▶▶] or [▶▶/▶▶] to skip track. CD USB Press [▲, ▼] to skip MP3 album.	
Search	Press and hold [◀◀/▶▶] or [▶▶/▶▶] .	

Note:
Depending on the Bluetooth® device, some operations may not work.

Viewing available information

CD **USB** **BLUETOOTH**
You can view the available information, such as MP3 album and track number, on the display panel.

Press [DISPLAY] repeatedly.
Example: MP3 album and track number display.



- Note:**
- Maximum characters that can be shown: Approximately 32
 - This system supports ver. 1.0, 1.1 and 2.3 ID3 tags.
 - Text data that the system does not support can show differently.

Play menu

CD	USB
1	CD Press [PLAY MENU] . USB Press [PLAY MENU] repeatedly to select "PLAYMODE".
2	Press [▲, ▼] to select the setting and then press [OK] .
OFF PLAYMODE	Cancel the setting.
1-TRACK	Play one selected track. Press [◀◀/▶▶] or [▶▶/▶▶] to select the track.
1-ALBUM	Play one selected MP3 album. Press [▲, ▼] to select the MP3 album.
RANDOM	Play all tracks randomly.
1-ALBUM RANDOM	Play all tracks in one selected MP3 album randomly. Press [▲, ▼] to select the MP3 album.
ALL REPEAT	Repeat all tracks.
1-TRACK REPEAT	Repeat 1-TRACK.
1-ALBUM REPEAT	Repeat 1-ALBUM.
RANDOM REPEAT	Repeat random playback.
1-ALBUM RANDOM REPEAT	Repeat 1-ALBUM RANDOM.

- Note:**
- During random playback, you cannot skip to tracks which have been played.
 - The setting is canceled when you open the disc tray or disconnect the USB device.

Note on disc

- This system can play CD-R/RW with CD-DA or MP3 format content.
- Before playback, finalize the disc on the device it was recorded on.
- Some CD-R/RW cannot be played because of the condition of the recording.

Note on USB device

- This system does not guarantee connection with all USB devices.
- This system supports USB 2.0 full speed.
- This system can support USB devices of up to 32 GB.
- Only FAT 12/16/32 file system is supported.

Note on MP3 file

- Files are defined as tracks and folders are defined as albums.
- Tracks must have the extension ".mp3" or ".MP3".
- Tracks will not necessarily be played in the order you recorded them.
- Some files can fail to work because of the sector size.

MP3 file on disc

- This system can access up to:
 - 255 albums (including root folder)
 - 999 tracks
 - 20 sessions
- Disc must conform to ISO9660 level 1 or 2 (except for extended formats).

MP3 file on USB device

- This system can access up to:
 - 800 albums (including root folder)
 - 8000 tracks
 - 999 tracks in one album

Radio

Preparation

Press [SELECT <, >] repeatedly to select "FM".

Manual tuning

- 1 Press [PLAY MENU] repeatedly to select "TUNE MODE".**
Or press [■] on the unit to select "MANUAL". Continue with step 3.
- 2 Press [▲, ▼] to select "MANUAL" and then press [OK].**
- 3 Press [◀◀/▶▶] or [▶▶/▶▶] to tune in to the station.**
To tune automatically, press and hold the button until the frequency starts changing quickly.

Memory presetting

You can preset up to 30 FM stations.

Automatic presetting

- 1 Press [PLAY MENU] to select "A.PRESET".**
- 2 Press [▲, ▼] to select "LOWEST" or "CURRENT" and then press [OK].**

LOWEST	Tuning begins from the lowest frequency.
CURRENT	Tuning begins from the current frequency.

The tuner presets all the stations it can receive into the channels in ascending order.

To cancel, press [■].

Manual presetting

- 1 Press [PLAY MENU] repeatedly to select "TUNE MODE".**
Or press [■] on the unit to select "MANUAL". Continue with step 3.
- 2 Press [▲, ▼] to select "MANUAL" and then press [OK].**
- 3 Press [◀◀/▶▶] or [▶▶/▶▶] to tune in to the station.**
- 4 Press [OK].**
- 5 Press [▲, ▼] to select a preset number and then press [OK].**
Do steps 3 through 5 again to preset more stations. The new station replaces any station that occupies the same preset number.

Selecting a preset station

- 1 Press [PLAY MENU] repeatedly to select "TUNE MODE".
Or press [■] on the unit to select "PRESET". Continue with step 3.
- 2 Press [▲, ▼] to select "PRESET" and then press [OK].
- 3 Press [◀◀/▶▶] or [▶▶/▶▶] to select the preset station.

Improving the sound quality

- 1 Press [PLAY MENU] repeatedly to select "FM MODE".
- 2 Press [▲, ▼] to select "MONO" and then press [OK].
To cancel, select "STEREO".
"MONO" is also canceled when you change the frequency.
To memorize the setting
Continue with step 4 of "Manual presetting" (⇒ 10).

Checking the signal status

Press [DISPLAY].

FM - - - -	The FM signal is weak. The system is not tuned in to a station.
FM ST	The FM signal is in stereo.
FM MONO	"MONO" is selected as the "FM MODE". The FM signal is in monaural.

Recording

This system can record up to 800 folders (maximum 999 tracks in an album) or a total of 8000 tracks, depending on the available storage capacity of the USB device in **USB B**.

To check storage space

In the stop mode, press [DISPLAY] repeatedly.

Example: Remaining recording time of the USB device.



- "UPDATE" is shown when the system is reading the USB device.
- "NO DEVICE" is shown if the USB device is not connected to **USB B**.

Note:

- All recordings are in ".mp3" format.
- You cannot do recording when you are using random playback mode or in the optical input or Bluetooth® source.
- The DJ function or Karaoke function is switched off when you start recording.
- Repeat playback mode is canceled during recording.
- A new album is added each time you do a recording.
- The sequence of album may change after the recording.
- The recordings are kept in a folder named "REC_DATA" in the USB device.

Basic recording

- 1 Select the source you want to record.

CD-DA

Prepare the disc playback mode.

Record all tracks	Select "OFF PLAYMODE" (⇒ 9).
Record a specified track	Select "1-TRACK" (⇒ 9).

Make sure the disc is stopped.

Radio

Tune in to the radio station.

AUX

Connect and play the equipment (⇒ 16).

- 2 Press [USB REC ●/II] to start recording.

The name of the folder that keeps the recording is shown.

Stop recording	Press [■]. "WRITING" is shown.
Pause recording	Press [USB REC ●/II] during recording. Press again to continue recording. Note: You can pause during recording from the radio or AUX (except in "SYNCHRO" mode). A track mark is added every time you pause (⇒ 12).

Note:

- Wait for a few seconds for the system to prepare the USB device before you start recording.
- When the next track of the disc is being recorded, it will be shown on the display.

High-speed recording

CD-DA disc recording speed:

CD, CD-R: Three times (3x) the normal speed.

CD-RW: Two times (2x) the normal speed.

- 1 Put in the disc you want to record.
- 2 Press [SETUP] repeatedly to select "REC MODE".
- 3 Press [▲, ▼] to select "NORMAL" or "HI-SPEED" and then press [OK].
- 4 Press [USB REC ●/II] to start recording.

Note:

- If you cannot record at high-speed because of the condition of the disc, record at normal speed.
- The sound is muted during high-speed recording.

Adding track marks

When recording from the radio or AUX, you can divide tracks using various modes.

Before recording

- 1 Press [SETUP] repeatedly to select "REC MODE".
- 2 Press [▲, ▼] to select the mode and then press [OK].

MANUAL	Add a track mark manually. Press [OK] during recording to add a track mark. Note: Recording is automatically divided in 60-minute per track.
SYNCHRO (For AUX source)	Recording starts automatically when the other equipment starts to play. Recording pauses when it detects silence for 3 seconds.
TIME MARK	A track is automatically divided at 5-minute intervals.

Note:

- During recording, if you press [OK] or pause recording while using "TIME MARK" mode, the 5-minute counter is reset.
- You cannot add track marks manually in "SYNCHRO" mode.

Recording MP3 tracks

You can record MP3 tracks from:

- MP3 disc to **USB B**
- **USB A** to **USB B**

- 1 Prepare the source you want to record.

Record all tracks	Select "OFF PLAYMODE" (⇒ 9).
Record a specified album or track	Select "1-ALBUM" or "1-TRACK" (⇒ 9).

- 2 Press [USB REC ●/II] to start recording.

To check the recording progress, press [DISPLAY].

Stop recording	Press [■]. Recording stops at the last fully recorded track in the album. For example, if you stop recording during the fourth track, only the first three tracks are recorded.
----------------	--

Note:

- Some tracks can use a longer time to record.
- Some tracks cannot be recorded because of the condition of the source.
- The recorded file name is the same as the original file (only a maximum of 32 characters can be shown on the display panel).

Deleting the recorded tracks

- 1 Press [SELECT <, >] repeatedly to select "USB B".
- 2 Press [▲, ▼] to select the album.
- 3 Press [◀◀/▶▶] or [▶▶/▶▶] to select the track.
- 4 Press [SETUP] repeatedly to select "EDIT MODE".
- 5 Press [▲, ▼] to select the mode.

TRACK DEL	Delete a single track.
ALBUM DEL	Delete one album (maximum 999 tracks).
FORMAT	Format the USB device.

- 6 Press [OK].
The selected item to be deleted is shown.
- 7 Press [OK].
"SURE? NO" is shown.
- 8 Press [▲, ▼] to select "SURE? YES" and then press [OK].
"WRITING" is shown.
To cancel, select "SURE? NO".

Sound effects

- 1 Press [SOUND] repeatedly to select the effect.
- 2 Press [▲, ▼] to select the setting and then press [OK].
Or turn [VOLUME/MULTI CONTROL] to select the setting.

PRESET EQ	"ROCK", "POP", "ELECTRONICA", "REGGAETON", "CUMBIA", "SALSA", "FORRO", "FUNK", "SAMBA", "SERTANEJO", "AXE", "MPB", "FOOTBALL", "KARAOKE" or "FLAT"
BASS/MID/TREBLE	-4 to +4 Note: These settings can change when you select a PRESET EQ setting.
SURROUND	"ON SURROUND" or "OFF SURROUND"
D.BASS LEVEL	"OFF", "LEVEL 1" to "LEVEL 6"

Illumination

You can change the illumination effect on the system.

- 1 Press **[SETUP]** repeatedly to select **"ILLUMINATION"**.
Or press **[ILLUMINATION]** on the unit.
- 2 Press **[▲, ▼]** to select the effect and then press **[OK]**.
Or turn **[VOLUME/MULTI CONTROL]** to select the effect.

PATTERN	TMAX50 A selection of 12 illumination patterns in multiple colors.
	TMAX40 A selection of 10 illumination patterns in multiple colors.
COLOR	A selection of 60 different illumination colors on the speakers.
OFF	Cancel the effect.

Note:

When the dimmer function is switched on, the illumination on the system will remain off even when you switch on the illumination function.

DJ functions

You can use the DJ functions to add sound effects or sample sound between songs.

Using the "Panasonic MAX Juke" app

You can download and install the free Android™ app "Panasonic MAX Juke" on Google Play™ for additional features, such as to request song playback from multiple devices simultaneously. You can also call up the tracks you want to play through the app. For details on the app, refer to the site below.

<http://av.jpn.support.panasonic.com/support/global/cs/audio/app/>
(This site is in English only.)

Note:

The DJ function is switched off when you switch off the system, change to another source or start recording.

DJ jukebox

USB

You can use the DJ jukebox function to add sample sound mix between songs.

- 1 Press **[PLAY MENU]** to select **"JUKEBOX"**.
- 2 Press **[▲, ▼]** to select the setting and then press **[OK]**.

Using the unit

- 1 Press **[JUKEBOX]** to select **"DJ JUKEBOX SELECT NUMBER"**.
To cancel, select **"OFF JUKEBOX"**.

- 2 Press **[DJ1]** to **[DJ6]** to select the effect.

Sample sound is added to the intervals of all tracks. To cancel, press the button again.

Note:

The system switches to repeat mode automatically when you switch on DJ jukebox.

Changing the repeat setting

- 1 Press **[PLAY MENU]** repeatedly to select **"PLAYMODE"**.
- 2 Press **[▲, ▼]** to select the setting and then press **[OK]**.

RANDOM REPEAT	Repeat random playback.
ALL TITLE REPEAT	Repeat all tracks.
RANDOM MIX REPEAT	Repeat random playback. Sample sound is added to the intervals of all tracks.

Note:

You cannot select the DJ jukebox effect when you are using "RANDOM MIX REPEAT" mode.

DJ effect

(Except for D-IN and AUX source)

By unit only

You can use the DJ effect function to add sound effects.

- 1 Press **[DJ]** to select **"DJ EFFECT SELECT NUMBER"** or **"ON DJ EFFECT"**.
To cancel, select **"OFF EFFECT"**.
- 2 Press **[DJ1]** to **[DJ6]** to select the effect.

[DJ1]	PHASER Add space and dimension to the sound.
[DJ2]	FILTER Enhance or filter specific ranges of the sound.
[DJ3]	SOUND CHOPPER Cut off the sound periodically.
[DJ4]	ELECTRO ECHO Add digital echo to the sound.
[DJ5]	PITCH SHIFTER Adjust the keys of the sound.
[DJ6]	HARMONIZER Add notes to the sound to create harmony.

To cancel, press the button again.

- 3 Turn **[VOLUME/MULTI CONTROL]** to select the setting.

Note:

DJ effect is switched off when you switch off the system, change to D-IN, AUX source or start recording.

DJ sampler

(Except for D-IN and AUX source)

By unit only

You can apply a scratch sound or sample sound to the track you are playing.

- 1 Press [DJ] to select "SAMPLER SELECT NUMBER" or "ON SAMPLER".
To cancel, select "OFF EFFECT".
- 2 Press [DJ1] to [DJ6] to select the desired sound.
To cancel, press the button again.
- 3 Turn [VOLUME/MULTI CONTROL].

Using a microphone

Preparation

Decrease the volume of the system to its minimum before you connect or disconnect a microphone.

- 1 Connect a microphone (not supplied) to the microphone jack.
Plug type: Ø 6.3 mm monaural
- 2 Press [SOUND] on the remote control repeatedly to select "MIC VOL".
Or press and hold [–MIC VOL] until "MIC VOL" is shown.
- 3 Press [▲, ▼] to adjust the volume of the microphone and then press [OK].
Or turn [VOLUME/MULTI CONTROL] to adjust the volume of the microphone.
- 4 If you want to sing with the background music, play the music source and adjust the volume of the system.

Note:

- If a strange noise (howling) is emitted, move the microphone away from the speakers, or decrease the volume of the microphone.
- When you do not use the microphone, disconnect it from the microphone jack, and decrease the volume of the microphone to its minimum.
- This system cannot record from microphone.

Karaoke

Preparation

Select the music source.

Note:

The Karaoke function is switched off when you switch off the system or start recording.

Karaoke effect

You can use the Karaoke effect function to add sound effects.

- 1 Press [SOUND] on the remote control repeatedly to select "KARAOKE EFFECT" and then press [▲, ▼] to select the effect.
Or press [KARAOKE] repeatedly to select the effect.

VOCAL CANCEL	Reduce the vocal level or change the audio mode (depending on the source).
ECHO	Add an echo effect to the sound.
KEY CONTROL	Change the key of a song. Note: The setting is canceled when you change to another source.
TEMPO	USB Change the speed of a song.
BGM	Change the background music level.
MIC EQ	Select a MIC EQ mode.
OFF EFFECT	Cancel the effect. Press [OK] to confirm. Or press and hold [–OFF] until "OFF EFFECT" is shown.

To check the current setting, press [OK].

- 2 Press [◀◀/◀◀] or [▶▶/▶▶] to select the setting and then press [OK].
Or turn [VOLUME/MULTI CONTROL] to select the setting.

VOCAL CANCEL	"OFF", 1 to 3, "L", "R", "L+R" When using stereo source not formatted for Karaoke It is recommended to use "2 VOCAL CANCEL" for most songs. When using Karaoke formatted source L: Only left channel sound (accompaniment only) R: Only right channel sound (vocals only) L+R: Left and right channel sounds are mixed
ECHO	"OFF", 1 to 4
KEY CONTROL	–6 to +6
TEMPO	"OFF", –2 to +2
BGM	"OFF", 1 to 3
MIC EQ	"SINGING" or "SPEECH"

This is a 24-hour clock.

- 1 Press [SETUP] repeatedly to select "CLOCK".
- 2 Press [▲, ▼] to set the time and then press [OK].

To check the time

Press [SETUP] repeatedly to select "CLOCK" and then press [OK].

In standby mode, press [DISPLAY].

Note:

- The clock is reset when there is a power failure or when the AC power supply cord is disconnected.
- Reset the clock regularly to maintain accuracy.

The sleep timer switches off the system after the set time.

- 1 Press [SETUP] to select "SLEEP".
- 2 Press [▲, ▼] to select the setting (in minutes) and then press [OK].
To cancel, select "OFF".

SLEEP 30 ↔ SLEEP 60 ↔ SLEEP 90 ↔ SLEEP120

Note:

- The remaining time is shown for a few seconds every minute. "SLEEP 1" is always shown when only 1 minute remains.
- The sleep timer always comes first. Be sure not to set an overlap of timers.

You can set the timer to come on at a certain time to:

- Wake you up (play timer).
- Record from the radio (record timer).

Play timer and record timer cannot be used together.

Preparation

Preparation

Set the clock.

- 1** Press [SETUP] repeatedly to select "TIMER ADJ".
- 2** Press [▲, ▼] to select "◻PLAY" or "◻REC" and then press [OK].
- 3** Press [▲, ▼] to set the start time and then press [OK].
- 4** Do step 3 again to set the end time.
- 5** For play timer, press [▲, ▼] to select the source you want to play and then press [OK].

To start the timer

- 1 Prepare the source.

Play timer	Prepare the source you want to listen to (disc, USB or radio).
Record timer	Connect the USB device to USB B (for USB recording) and tune in to the radio station.

- 2** Press [SETUP] repeatedly to select "TIMER SET".
- 3** Press [▲, ▼] to select the setting and then press [OK].

PLAY ON	Start the play timer.
PLAY OFF	Cancel the play timer.
REC ON	Start the record timer.
REC OFF	Cancel the record timer.

The system must be switched off for the timer to operate.

To check the setting

- 1 Press [SETUP] repeatedly to select "TIMER ADJ".
- 2 Press [▲, ▼] to select "ⓈPLAY" or "ⓈREC" and then press [OK].

In standby mode, press [DISPLAY] two times.

Note:

- NOTE:**
- The play timer starts at a low volume and increases gradually to the preset level.
 - The record timer starts 1 minute before the set time with the volume muted.
 - The timer comes on at the set time every day if the timer is on.
 - If you switch off the system and then switch on again while a timer is in operation, the timer will not stop at the end time.

External equipment

Preparation

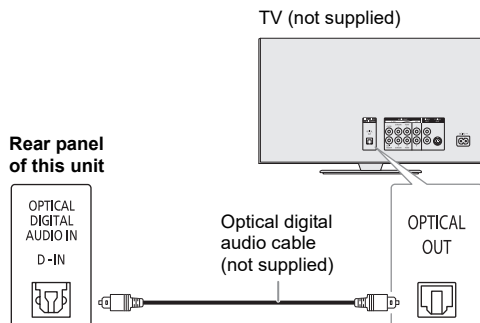
- Disconnect the AC power supply cord.
- Switch off all equipment and read the appropriate operating instructions.

Note:

- Do not bend cables at sharp angles.
- Components and cables are sold separately.
- Sound distortion can occur when you use an adapter.
- If you want to connect equipment other than those described, refer to the audio dealer.

Using the optical input

You can connect a TV, VCR, DVD player etc., and listen to the audio through this system.



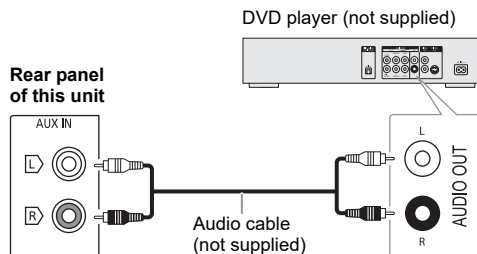
- 1 Connect the external equipment.
- 2 Press [SELECT <, >] repeatedly to select "D-IN".
- 3 Play the external equipment.

Note:

- This system supports linear PCM signal.
- Multi-channel source will be converged to 2 channels.
- Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz, up to 96 kHz
- The sound is muted if the signal format or frequency is not supported.
- If there are sounds coming from the TV's speakers, decrease the volume of the TV to its minimum.

Using the auxiliary input

You can connect a VCR, DVD player etc., and listen to the audio through this system.



- 1 Connect the external equipment.
- 2 Press [SELECT <, >] repeatedly to select "AUX".
- 3 Play the external equipment.

Others

Auto off

This function will automatically switch the unit to standby mode if there is no sound and it is not being used for approximately 20 minutes.

- 1 Press [SETUP] repeatedly to select "AUTO OFF".
- 2 Press [▲, ▼] to select "ON" and then press [OK]. To cancel, select "OFF".

Note:

- This function does not work when you are in radio source.
- This function may not work when a microphone is connected.
- The factory default is "OFF". To switch on this function, select "ON".

Bluetooth® standby

This function automatically switches on the system when you establish a Bluetooth® connection from a paired device.

- 1 Press [SETUP] repeatedly to select "BLUETOOTH STANDBY".
- 2 Press [▲, ▼] to select "ON" and then press [OK]. To cancel, select "OFF".

Note:

Some devices may take longer to respond. If you are connected to a Bluetooth® device before switching off the system, wait for a minimum of 5 seconds before connecting to this system from your Bluetooth® device again.

Software update

Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. These updates are available free of charge. For more details, refer to the following website.

<http://panasonic.jp/support/global/cs/>
(This site is in English only.)

Checking the software version

- 1 Press [SETUP] repeatedly to select "SW VER." and then press [OK]. The software version is shown.
- 2 Press [OK] again to exit.

Troubleshooting

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the solutions indicated do not solve the problem, consult your dealer for instructions.

Common problems

The unit does not work.

- The safety device has been activated. Do the following:
 1. Press [⏻] on the unit to switch the unit to standby mode. If the unit does not switch to standby mode, disconnect the AC power supply cord and then connect it again.
 2. Press [⏻] again to switch on the unit. If the problem persists, consult your dealer.

The display panel lights up and changes continuously in standby mode.

- Press and hold [■] on the unit until "SDEMO OFF" is shown.

No operations can be done with the remote control.

- Examine that the battery is installed correctly.

Sound is distorted or no sound.

- Adjust the volume of the system.
- Switch off the system, determine and correct the cause, and then switch on again. It can be caused by straining of the speakers through excessive volume or power, and when using the system in a hot environment.

A humming sound can be heard during playback.

- An AC power supply cord or fluorescent light is near the cables. Keep other appliances and cords away from the cables of this system.

The sound level reduces.

- The protection circuit has been activated due to the continuous use at high volume output. This is to protect the system and maintain the sound quality.

Disc

Display not shown correctly.

Playback does not start.

- You have not put in the disc correctly. Put it in correctly.
- Disc is dirty. Clean the disc.
- Replace the disc if it is scratched, warped, or non-standard.
- There is condensation. Let the system dry for 1 to 2 hours.

The total number of tracks shown is incorrect.

The disc cannot be read.

Distorted sound is heard.

- You put in a disc that the system cannot play. Change to a playable disc.
- You put in a disc that has not been finalized.

USB

The USB device or the contents in it cannot be read.

- The format of the USB device or the contents in it are not compatible with the system.
- USB devices with storage capacity of more than 32 GB cannot work in some conditions.

Slow operation of the USB device.

- Large content size or large memory USB device takes longer time to read.

Bluetooth®

Pairing cannot be done.

- Check the Bluetooth® device condition.
- The device is out of the 10 m communication range. Move the device nearer to the system.

The device cannot be connected.

- The pairing of the device was unsuccessful. Do pairing again (⇒ 8).
- The pairing of the device has been replaced. Do pairing again (⇒ 8).
- This system might be connected to a different device. Disconnect the other device and try connecting the device again.
- The system may have a problem. Switch off the system and then switch on again.

The device is connected but audio cannot be heard through the system.

- For some built-in Bluetooth® devices, you have to set the audio output to "SC-TMAX40" or "SC-TMAX50" manually. Read the operating instructions of the device for details.

Playback during Multi Connect is not working or no sound.

- Restart the app of the device.
- The control of the device was not switched successfully. Disconnect the existing connected devices and try again.

Sound from the device is interrupted.

- The device is out of the 10 m communication range. Move the device nearer to the system.
- Remove any obstacle between the system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Move the device nearer to the system and distance it from the other devices.

Radio

Sound is distorted.

- Use an optional FM outdoor antenna. The antenna should be installed by a competent technician.

A beat sound is heard.

- Switch off the TV or move it away from the system.
- Move mobile telephones away from the system if the interference is apparent.

Unit displays

"--:--"

- You connected the AC power supply cord for the first time or there was a power failure recently. Set the clock.
- Track play time is more than 99 minutes.

"ADJUST CLOCK"

- The clock is not set. Adjust the clock.

"ADJUST TIMER"

- The play timer and/or record timer is not set. Adjust the play timer and/or record timer.

"AUDIO UNSUPPORTED"

- The signal format or frequency is not supported.
- This system does not support bitstream signals. Change the digital audio output setting on the external equipment to PCM.
- This system supports sampling frequencies of 32 kHz, 44.1 kHz, 48 kHz, up to 96 kHz. Select only the supported sampling frequencies on the connected equipment.
- Try connecting the external equipment by using the auxiliary input.

"AUTO OFF"

- The system has not been used for 20 minutes and will switch off within a minute. To cancel, press any button.

"CAN'T REC"

"DEVICE FULL"

- You cannot do recording because the remaining recording time of the USB device is less than the total time of the music source. Change to a USB device which has enough recording time and do the recording again.
- You cannot do recording because the USB device is write-protected. Remove the write protection of the USB device and try again.

"DEVICE CONNECTED FULL"

- You have connected 3 Bluetooth® devices. To connect another device, disconnect one of the connected devices and try again.

"ERROR"

- An incorrect operation was done. Read the instructions and try again.
- This MP3 track or album cannot be deleted, it might be due to the track is "Read-only", etc.

"ERROR" (during recording)

- You cannot select other playback source (example: radio, USB etc.) or press [◀◀/▶▶] or [▶▶/▶▶] during recording. Stop the recording function.

"□□□" / "□□□□" ("□" represents a number.)

- The protection circuit has been activated and the system may be switched off automatically.
- Disconnect the AC power supply cord and wait for a few seconds before connecting it again. If the problem persists, disconnect the AC power supply cord and consult your dealer.

"INSERT USB B"

- You cannot do recording because there is no USB device connected to **USB B**.

"NO DEVICE"

- You cannot do recording or check available storage space because there is no USB device connected to **USB B**.

"NO DISC"

- You have not put in a disc.

“NO PLAY” **“UNSUPPORT”**

- There is no album or track in the USB device.
- Examine the content. You can only play supported format.
- The files in the USB device can be corrupted. Format the USB device and try again.
- The system may have a problem. Switch off the system and then switch on again.

“NOT SUPPORT MULTI CONNECT”

- The Bluetooth® connection cannot be established. Disconnect the existing connected devices and try again.

“NOT SUPPORTED”

- To use Karaoke effect in D-IN source, change the digital audio output setting on the external equipment to PCM.

“PLAYERERROR”

- An unsupported MP3 file has been played. The system will skip that track and play the next one.

“REC ERROR”

- You disconnected the USB device during recording. Connect the USB device and do recording again.
- An error occurred during USB recording. Disconnect the USB device and then connect it again.

“REMOTE 1”

“REMOTE 2”

- The remote control and the unit are using different codes. Change the code of the remote control.
 - When “REMOTE 1” is shown, press and hold [OK] and [Ⓢ] on the remote control for a minimum of 4 seconds.
 - When “REMOTE 2” is shown, press and hold [OK] and [◀] for a minimum of 4 seconds.

“TRK FULL”

- The number of files has exceeded the supported limit.

“USB A NO DEVICE”

“USB B NO DEVICE”

- The USB device is not connected. Examine the connection.

“USB OVER CURRENT ERROR”

- The USB device is drawing too much power. Disconnect the USB device, switch off the system and then switch on again.
- Check the connection, it may be caused by a faulty USB cable.

“VBR”

- The system cannot show the remaining play time for variable bit rate (VBR) tracks.

Remote control code

When other Panasonic equipment responds to the remote control of this system, change the remote control code for this system.

Preparation

Press [SELECT] repeatedly on the unit to select “AUX”.

To set the code to “REMOTE 2”

- 1 Press and hold [SELECT] on the unit and [◀] until “REMOTE 2” is shown.**
- 2 Press and hold [OK] and [◀] for a minimum of 4 seconds.**

To set the code to “REMOTE 1”

- 1 Press and hold [SELECT] on the unit and [Ⓢ] on the remote control until “REMOTE 1” is shown.**
- 2 Press and hold [OK] and [Ⓢ] on the remote control for a minimum of 4 seconds.**

System memory reset

Reset the memory when the following situations occur:

- There is no response when buttons are pressed.
- You want to clear and reset the memory contents.

- 1 Press and hold [⏮] on the unit until “RESET?” is shown.**
- 2 While you press and hold [⏮] on the unit, press [SELECT].**
“RESET” is shown.
After “-----” is shown, the unit will switch off automatically.
All the settings are set back to the factory preset.
It is necessary to set the memory items again.

DEMO play

The unit will play built-in demonstration song for 1 minute.

- 1 Press and hold [JUKEBOX
-DEMO] for more than 2 seconds.**
“WAIT FOR DEMO PLAY” is shown while you press and hold the button.
Demonstration song is played and “DEMOPLAY” is shown.
- 2 Press [■] to stop the demonstration song.**

Specifications

General

Power supply	AC 110 V to 240 V, 50/60 Hz
Power consumption	
TMAX50	277 W
TMAX40	196 W
Power consumption in standby mode (approximate)	
With "BLUETOOTH STANDBY" set to "OFF"	0.5 W
With "BLUETOOTH STANDBY" set to "ON"	0.6 W
For Mexico	
Power consumption per day	
TMAX50	277 Wh per day (277 W, 1 hour)
TMAX40	196 Wh per day (196 W, 1 hour)
Power consumption per day (in standby mode)	
	11.5 Wh per day (0.5 W, 23 hours)

Dimensions (W x H x D)

TMAX50	305 mm x 904 mm x 326 mm
TMAX40	305 mm x 804 mm x 326 mm

Mass

TMAX50	20 kg
TMAX40	17.5 kg

Operating temperature range 0°C to +40°C

Operating humidity range 35% to 80% RH (no condensation)

Amplifier section

RMS output power stereo mode TMAX50

Front Ch (both ch driven)	
500 W per channel (3 Ω), 1 kHz, 30% THD	
Subwoofer Ch (x 2)	
500 W per channel (3 Ω), 100 Hz, 30% THD	
Total RMS stereo mode power	2000 W

RMS output power stereo mode TMAX40

Front Ch (both ch driven)	
200 W per channel (6 Ω), 1 kHz, 30% THD	
Subwoofer Ch (x 2)	
400 W per channel (3 Ω), 100 Hz, 30% THD	
Total RMS stereo mode power	1200 W

Tuner section

Frequency modulation (FM)

Preset memory	30 stations
Frequency range	87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals	75 Ω (unbalanced)

Disc section

Disc played (8 cm or 12 cm)

CD, CD-R/RW (CD-DA, MP3*)

* MPEG-1 Layer 3

Pick up

Wavelength	790 nm (CD)
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Terminal section

USB port

USB standard	USB 2.0 full speed
Media file format support	MP3 (*.mp3)
USB device file system	FAT12, FAT16, FAT32

USB recording

Bit rate	128 kbps
USB recording speed	1x, 3x (CD only)
Recording file format	MP3 (*.mp3)

Digital audio input

Optical digital input	Optical terminal
Sampling frequency	32 kHz, 44.1 kHz, 48 kHz, 96 kHz
Audio format	PCM

Microphone

Terminal	Mono, 6.3 mm jack (2 system)
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Analog audio input

Audio input	Pin jack (1 system)
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Bluetooth® section

Version

Bluetooth® Ver. 5.0

Class

Class 1

Supported profiles

A2DP, AVRCP, SPP

Frequency band

2.4 GHz band FH-SS

Operation distance

30 m line of sight

Supported codec

SBC

Speaker section

Front speaker

Speaker unit(s)

Tweeter	6 cm cone type x 2
Woofer	10 cm cone type x 2

Subwoofer

Speaker unit(s)

TMAX50	
Super Woofer	20 cm cone type x 2
TMAX40	
Super Woofer	20 cm cone type x 1

Note:

- Specifications are subject to change without notice.
- Mass and dimensions are approximate.
- Total harmonic distortion is measured by the digital spectrum analyzer.

