

**Panasonic**<sup>®</sup>

Operating Instructions  
**CD Stereo System**

Model No. **SC-AKX38**



Thank you for purchasing this product.  
For optimum performance and safety, please read these instructions carefully.  
Please keep this manual for future reference.



PH PN LX

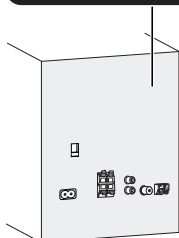
RQT9895-M

**Confidential**  
Until: 28 Jan 2014

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

Your system and the illustrations can look differently. These operating instructions are applicable to the following system.

System	SC-AKX38
Main unit	SA-AKX38
Speakers	SB-AKX38



**For South America (except Argentina)**

**CAUTION!**

Set the voltage selector to the AC voltage in your area (➡ "Making the connections"). If not, the system can be damaged or cannot operate correctly.

– If you see this symbol –

**Information on Disposal in other Countries outside the European Union**



This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

**For 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 South America (except Argentina)**

**FCC Note:**

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.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. 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.

Responsible Party:  
 Panasonic Corporation of North America  
 Two Riverfront Plaza, Newark, NJ 07102-5490

Support Contact Telephone No.:  
 1-800-211-PANA (7262)

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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 only 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.

#### 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.

### 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.
- Set the unit up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration.
- 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.

#### Battery

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing 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.

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## Customer Service Directory

Obtain product information and operative assistant; localize the closer distributor or Service Center; buy spare parts and accessories by our web site to Latin American:

<http://www.lar.panasonic.com>

Also you may contact us directly by our Contact Center:

Panama	800-PANA (800-7262)
Colombia	01-8000-94PANA (01-8000-947262)
Ecuador	1800-PANASONIC (1800-726276)
Costa Rica	800-PANA737 (800-7262737)
El Salvador	800-PANA (800-7262)
Guatemala	1-801-811-PANA (1-801-811-7262)
Chile	800-390-602 From a cell phone: 797-5000
Venezuela	800-PANA-800 (800-7262-800)
Uruguay	0-800-PANA (0-800-7262)
Peru	0-800-00-PAN (0-800-00726)
Argentina	0800-333-PANA (0800-333-7262) 0810-321-PANA (0810-321-7262)
Paraguay	0800-11-PANA (0800-11-7262)
Dominican Republic	809-200-8000

## Supplied accessories

Check and identify the supplied accessories.

- 1 AC power supply cord
- 1 AM loop antenna
- 1 FM indoor antenna



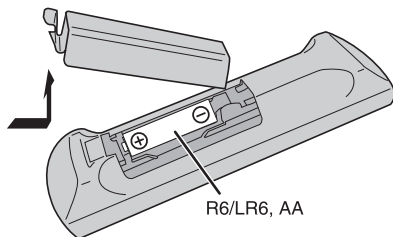
- 1 Remote control battery
- 1 Remote control (N2QAYB000915)
- For South America**  
1 Power plug adapter

## Maintenance

To clean this system, wipe 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.

## Preparing the remote control



Use alkaline or manganese battery.

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

## Placement of speakers



The left and right speakers are the same. You cannot remove the net of the speakers.

**Use only the supplied speakers.**

You can cause damage to the system and decrease the sound quality if you use other speakers.

**Note:**

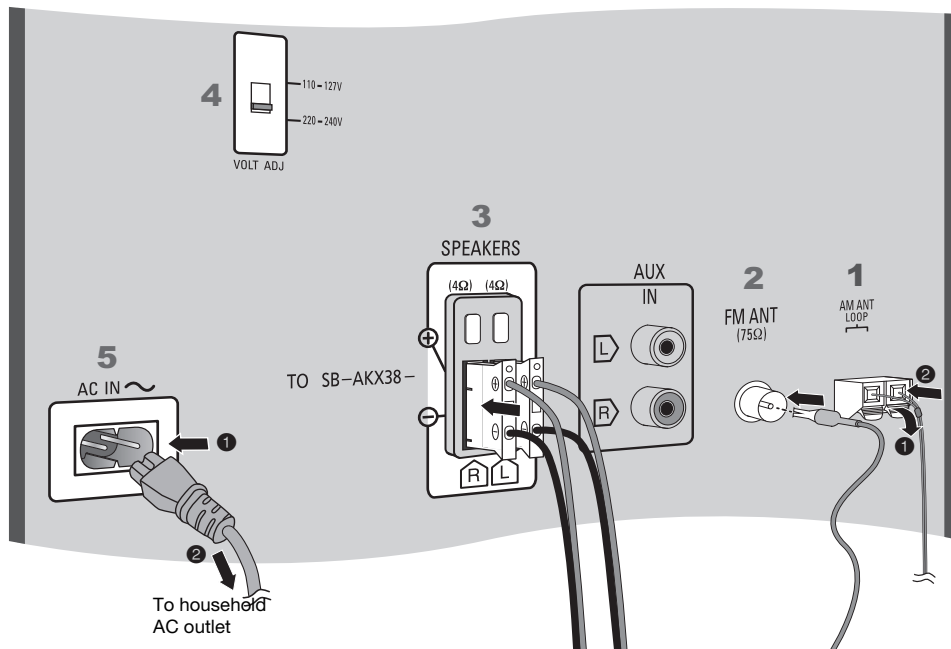
- Keep your speakers more than 10 mm from the main unit for ventilation.
- Put the speakers on a flat safe surface.
- These speakers do not have magnetic shielding. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.
- When you play at high levels for a long period, it can 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!

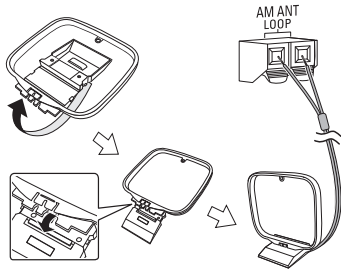
- Use the speakers only with the recommended system. If not, you can cause damage to the amplifier and speakers and can cause a fire. Consult an approved service personnel if damage occurs or if there is a sudden apparent change in performance.
- Do the procedures included in these instructions when you attach the speakers.

## Making the connections

Connect the AC power supply cord only after all the other connections have been made.  
The illustrations shown are of the model for South America. Your unit may differ in appearance.



- 1 Connect the AM loop antenna.  
Stand the antenna up on its base until it clicks.

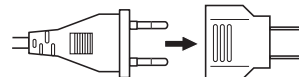


- 2 Connect the FM indoor antenna.  
Place the antenna where reception is best.
- 3 Connect the speakers.

- 4 **For South America**  
**Set the voltage.**  
Use a flat-head screwdriver to set the voltage selector to the AC voltage in your area.

- 5 Connect the AC power supply cord.

**For South America**  
If the power plug does not fit your socket, use the power plug adapter.



Do not use an AC power supply cord from other equipment.

### Conserving power

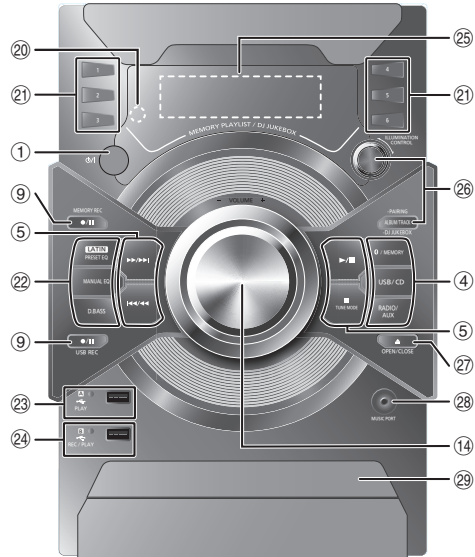
The system consumes a small amount of power even when it is in standby mode. Disconnect the power supply if you do not use the system. Some settings will be lost after you disconnect the system. You have to set them again.

## Overview of controls



- 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 **Alphanumeric buttons**  
To select a 2-digit number  
Example: 16: [≧10] → [1] → [6]  
To set a character  
Example: B: [2] → [2]
- ③ **Delete a programmed track**  
Delete a selected track in a playlist
- ④ **Select the audio source**
- ⑤ **Basic playback control**
- ⑥ **Select the sound effects**
- ⑦ **Start the title search for internal memory**
- ⑧ **View content information**  
**Decrease the brightness of the display panel**  
Press and hold the button to use this function. To cancel, press and hold the button again.
- ⑨ **Recording operation control**
- ⑩ **Set the play timer and record timer**
- ⑪ **Set the clock and timer**
- ⑫ **Set the sleep timer**  
**Automatically switch off the system**  
When you are in disc, USB or internal memory source, the auto off function switches off the system if you do not use the system for 30 minutes. Press and hold the button to use this function. To cancel, press and hold the button again.
- ⑬ **Set the program function**
- ⑭ **Adjust the volume of the system**
- ⑮ **Mute the sound of the system**  
To cancel, press the button again. "MUTE" is also canceled when you adjust the volume or when you switch off the system.
- ⑯ **Set the play menu item**
- ⑰ **Internal memory playlist operation**
- ⑱ **Select and confirm the option**
- ⑲ **Set the edit mode for **USB B** and internal memory**

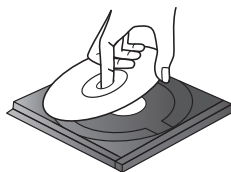
- 20 **Remote control sensor**  
Distance: Within approximately 7 m  
Angle: Approximately 20° up and down, 30° left and right
- 21 **Internal memory playlist direct buttons**  
Press and hold to add track to the corresponding playlist.  
Press to select playlist.
- 22 Select the sound effects
- 23 **USB A**  
USB port (←→)  
USB status indicator  
Play MP3 tracks  
Record MP3 tracks to **USB B**
- 24 **USB B**  
USB port (←→)  
USB status indicator  
Record sound or music tracks  
Play MP3 tracks
- 25 Display panel
- 26 **Select MP3 album or track**  
Press [ALBUM/TRACK] to select album or track.  
**Browse track or albums**  
Turn [CONTROL] to browse.  
To start playback from the selection, press [▶/||].  
**DJ jukebox**  
Press and hold to select DJ jukebox.
- 27 Open or close the disc tray
- 28 Music port jack
- 29 Disc tray



## Preparing the media

### Disc

- 1 Press [CD].
- 2 Press [▲ OPEN/CLOSE] to open the disc tray.  
Put in a disc with the label facing up.



- 3 Press [▲ OPEN/CLOSE] again to close the disc tray.

### 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.  
Hold the main unit when connecting or disconnecting the USB device.
- 2 Press [USB] 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.

### Bluetooth®

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

**Preparation**

- 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 (→ "Disconnecting a device")

- 1 Press [Ⓜ, MEMORY] (main unit: [Ⓜ/MEMORY]) to select "BLUETOOTH".  
If "PAIRING" is shown, continue with step 3.
- 2 Press [PLAY MENU] to select "PAIRING".
- 3 Press [▲, ▼] to select "OK? YES" and then press [OK].
- 4 Select "SC-AKX38" from the Bluetooth® menu of the device.  
If prompted for a passkey, input "0000".  
The device connects with this system automatically after pairing is complete.  
The name of the connected device is shown.

**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.

### Connecting a device

**Preparation**

If this system is connected to a Bluetooth® device, disconnect it (→ "Disconnecting a device")

- 1 Press [Ⓜ, MEMORY] (main unit: [Ⓜ/MEMORY]) to select "BLUETOOTH".  
"BLUETOOTH READY" is shown.
- 2 Select "SC-AKX38" from the Bluetooth® menu of the device.  
The name of the connected device is shown.
- 3 Press [▶/||] to start playback.  
For other operations, refer to "Playing disc"

**Note:**

- A device must be paired to connect.
- The system can only connect to one device at a time.
- When "BLUETOOTH" is selected as the source, this system will automatically try to connect to the last connected device.

### Disconnecting a device

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

### Using the main unit

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

**Note:**

- 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.
- MEMORY** Internal memory.

## Basic playback

**CD** **USB** **BLUETOOTH** **MEMORY**

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

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

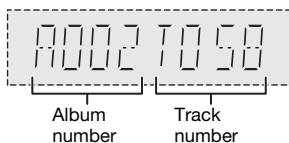
## Viewing available information

**CD** **USB** **BLUETOOTH** **MEMORY**

You can view the available information on the display panel.

Press [DISPLAY].

- Note:**
- Maximum characters that can be shown:  
**CD** **USB**: approximately 32  
**BLUETOOTH**: approximately 16
  - This system supports ver. 1.0 and 1.1 ID3 tags.
  - Text data that the system does not support can show differently.
  - Example: MP3 album and track number display.



## Play menu

**CD** **USB** **MEMORY**

- 1 Press [PLAY MENU] to select "PLAYMODE" or "REPEAT".
- 2 Press [◀, ▶] to select the setting and then press [OK].

### PLAYMODE

**OFF PLAYMODE** Cancel the setting.

**1-TRACK** Play one selected track.  
**1-TR** Press the alphanumeric buttons to select the track.

**1-ALBUM** Play one selected MP3 album.  
**1-ALB** Press [▲, ▼] to select the MP3 album.

**RANDOM** Play all tracks randomly.  
**RND**

**1-ALBUM** Play all tracks in one selected MP3 album randomly.  
**RANDOM**  
**1-ALB RND** Press [▲, ▼] to select the MP3 album.

### REPEAT

**OFF REPEAT** Cancel the setting.

**ON REPEAT** Repeat playback.



**Note:**

- During random playback, you cannot skip to tracks which have been played.
- The setting is canceled when you open the disc tray.

## Note on disc

- This system can play CD-R/RW with CD-DA or MP3 format content.
- Some CD-R/RW cannot be played because of the condition of the recording.

## Note on USB device

- 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

## Link mode

### BLUETOOTH

You can change the link mode to suit the connection type.

#### Preparation

If this system is connected to a Bluetooth® device, disconnect it (➔ “Disconnecting a device”).

- 1 Press [PLAY MENU] to select “LINK MODE”.
- 2 Press [▲, ▼] to select the setting and then press [OK].  
The default settings is “MODE 2”.

MODE 1	Emphasis on connectivity.
MODE 2	Emphasis on sound quality.

## Program playback

### CD USB MEMORY

This function allows you to program up to 24 tracks.

- 1 Press [PROGRAM] in the stop mode.  
“PGM” is shown.
- 2 **CD**  
Press the alphanumeric buttons to select the desired track.  
Do this step again to program other tracks.  
**MP3**
  1. Press [▲, ▼] to select the desired album.
  2. Press [▶▶] and then press the alphanumeric buttons to select the desired track.
  3. Press [OK].
 Do these steps again to program other tracks.
- 3 Press [▶/||] to start playback.

Cancel program mode	Press [PROGRAM] in the stop mode.
Check program contents	Press [◀◀] or [▶▶] when “PGM” is shown in the stop mode.
Clear the last track	Press [DEL] in the stop mode.
Clear all programmed tracks	Press [■] in the stop mode. “CLR ALL” is shown. Within 5 seconds, press [■] again.

#### Note:

- You cannot use program playback together with “PLAYMODE” function.
- The program memory is cleared when you open the disc tray.

## Title search

### MEMORY

You can search for the desired track in the internal memory with title search.

- 1 Press [TITLE SEARCH].  
“▶” blinks.
- 2 Press the alphanumeric buttons or [▲, ▼] to select the desired character then press [▶] to select next character.  
To delete a character, press [DEL].



- 3 Press [OK].  
Press [◀, ▶] to search for previous or next match.  
“NOTFOUND” is shown if there is no match.
- 4 Press [OK] to confirm and play the track.  
To cancel, press [TITLE SEARCH].

### Note:

- This function skip tracks that are created with basic recording (→ “Analog recording”).
- This function does not work with random or program playback.
- The character is not case sensitive.
- A same track title display will be shown for tracks with the same title.

## Playlist

### MEMORY

You can keep up to 6 playlists in the internal memory. Each playlist can keep up to 99 tracks.

### Adding tracks to the playlist

- 1 Select the track you want to add to the playlist.
- 2 Press [PLAYLIST].  
“@” blinks.
- 3 Press and hold the alphanumeric button (1 to 6) to add the track to the corresponding playlist.  
Or press and hold [1] to [6] on the main unit to add the track to the corresponding playlist.  
Do steps 1 through 3 again to add more tracks.

### Listening to the playlist

- 1 Press [PLAYLIST] and then the alphanumeric button (1 to 6) to select the playlist.  
Or press [1] to [6] on the main unit to select the playlist.
- 2 Press [▶/||] to start playback.

Cancel playlist playback	Press [PLAYLIST] two times until “@” is cleared. OR Press the selected [1] to [6] on the main unit. “@” is cleared.
View contents of the playlist	Press [◀◀] or [▶▶] in the stop mode. OR Turn [CONTROL] in the stop mode.
Clear a single track	In the stop mode, press [◀◀] or [▶▶] to select the desired track you want to clear and then press [DEL]. “DELETE?” is shown. Within 5 seconds, press [OK].
Clear all tracks in a playlist	In the stop mode, press [■]. “CLEAR?” is shown. Within 5 seconds, press [OK].

## Radio

### Preparation

Press [RADIO/EXT-IN] to select "FM" or "AM".

### Manual tuning

- 1 Press [RADIO/EXT-IN] to select "FM" or "AM".
- 2 Press [◀◀] or [▶▶] to tune in to the station.  
To tune automatically, press and hold the button until the frequency starts changing quickly.  
"ST" is shown when a stereo broadcast is being received.

### Using the main unit

- 1 Press [TUNE MODE] to select "MANUAL".
- 2 Press [◀◀/▶▶] or [▶▶/▶▶] to tune in to the station.

### Improving the sound quality

#### When "FM" is selected

- 1 Press [PLAY MENU] 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.

#### When "AM" is selected

- 1 Press [PLAY MENU] to select "B.PROOF".
- 2 Press [▲, ▼] to select "BP 1" or "BP 2" and then press [OK].

#### To memorize the setting

Continue with step 4 of "Manual presetting".

### Memory presetting

You can preset up to 30 FM and 15 AM stations.

### Automatic presetting

- 1 Press [OK] to select "LOWEST" or "CURRENT" frequency.
 

LOWEST	Tuning begins from the lowest frequency.
CURRENT	Tuning begins from the current frequency.
- 2 Press [PLAY MENU] to select "A.PRESET" and then press [OK].  
"START?" is shown.
- 3 Press [OK] to start presetting.  
To cancel, press [■].

### Manual presetting

- 1 Press [◀◀] or [▶▶] to tune in to the station.
- 2 Press [PROGRAM].
- 3 Press the alphanumeric buttons to select a preset number.  
Do steps 1 through 3 again to preset more stations.  
The new station replaces any station that occupies the same preset number.

### Selecting a preset station

Press the alphanumeric buttons, [◀◀] or [▶▶] to select the preset station.

#### Using the main unit

- 1 Press [TUNE MODE] to select "PRESET".
- 2 Press [◀◀/▶▶] or [▶▶/▶▶] to select the preset station.

### Checking the signal status

#### When "FM" is selected

Press [DISPLAY].

FM	The FM signal is in monaural. 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".

### AM/FM allocation setting

#### By main unit only

##### For South America

This system can also receive AM broadcasts allocated in 10 kHz steps.

##### For Central America and the Caribbean

This system can also receive FM broadcasts allocated in 0.2 MHz steps.

- 1 Press [RADIO/EXT-IN] to select "FM" or "AM".
- 2 Press and hold [RADIO/EXT-IN].

After a few seconds, the display panel shows the current minimum radio frequency. Release the button when the minimum frequency changes.

- To go back to the initial setting, do the above steps again.
- Preset frequencies are erased after you change the setting.

## Recording

Panasonic cannot be held responsible on the action of consumer to record copyrighted contents which can cause copyright infringement.

### Note:

- All recordings are in “.mp3” format.
- You cannot do recording when you are using random playback mode.
- Repeat playback mode is off during recording.
- A new album is added each time you do a recording.
- The sequence of album can change after the recording.
- The recordings are kept in a folder named “REC\_DATA” in the USB device or the internal memory.

<b>USB A</b>	<ul style="list-style-type: none"> <li>• Play MP3 tracks.</li> <li>• Record MP3 tracks to <b>USB B</b>.</li> </ul>
<b>USB B</b>	<ul style="list-style-type: none"> <li>• Record sound or music tracks.</li> <li>• Play MP3 tracks.</li> </ul> <p><b>To check storage space</b> In the stop mode, press [DISPLAY].</p> <p><b>Note:</b> USB status indicator blinks in red during USB recording.</p>

## Recording MP3 tracks

You can record MP3 tracks from:

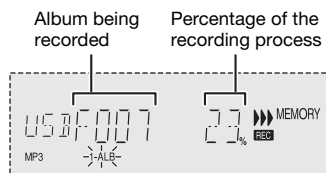
- MP3 disc to **USB B** or internal memory
- **USB A** to **USB B**
- **USB B** to internal memory or vice versa

### 1 Prepare the source you want to record.

Record all tracks	Select “OFF PLAYMODE” (→ “Play menu”).
Record programmed tracks	Program the tracks you want (→ “Program playback”).
Record specified album or track	Select “1-ALBUM” or “1-TRACK” (→ “Play menu”).

### 2 Press [MEMORY REC ●/II] or [USB REC ●/II] to start recording.

Example: Recording an album from the USB device to the internal memory.



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. “NO FILE RECORDED” is shown if no track is recorded.
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### Note:

- Some tracks can use a longer time to record.
- Some tracks cannot be recorded because of the condition of the source.
- The recorded folder name may be different from the original folder because of the auto rename function.

## Analog recording

### 1 Select the source you want to record. Prepare the CD-DA disc playback mode.

Record all tracks	Select “OFF PLAYMODE” (→ “Play menu”).
Record a single track	Select “1-TRACK” (→ “Play menu”).

Make sure the disc is stopped.

#### Radio

Tune in to the radio station.

#### External equipment

Connect and play the equipment (→ “External equipment”).

### 2 Press [MEMORY REC ●/II] or [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 [MEMORY REC ●/II] or [USB REC ●/II] during recording. Press again to continue recording.

**Note:**  
You can pause during recording from the radio, music port or AUX (except in SYNCHRO mode). A track mark is added every time you pause (→ “Adding track marks”).

### Note:

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

## High-speed recording

### CD-DA disc recording speed:

CD: 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 [CD].

### 3 Press [CD HI-SPEED REC] and [USB REC ●/II] or [MEMORY REC ●/II] together to start recording.

### Note:

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

## Adding track marks

When recording from radio or external equipment, you can divide tracks using various modes.

Before recording

Press [REC MODE] to select the desired setting.

MANUAL	Add a track mark manually. Press [OK] during recording to add a track mark.
SYNCHRO (For music port or 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.

## Deleting recorded tracks

### 1 MEMORY

Press [Ⓜ, MEMORY] (main unit: [Ⓜ/MEMORY]) to select "MEMORY".

**USB B**

Press [USB] to select "USB B".

2 Press [▲, ▼] to select album.

3 Press [◀◀] or [▶▶] to select the track.

4 Press [EDIT MODE] to select the mode and then press [OK].

The selected item to be deleted is shown.

TRK DEL	Delete a single track.
ALB DEL	Delete one album (maximum 999 tracks).
FORMAT	Format the USB device.
ALL DEL	Delete all albums in the internal memory.

5 Press [OK].

"SURE? NO" is shown.

6 Press [◀, ▶] to select "YES" and then press [OK].

"WRITING" is shown.

To cancel, select "NO".

## Sound and illumination effects

### Sound effects

1 Press [SOUND] to select sound setting.

2 Press [▲, ▼] to select the setting and then press [OK].

LATIN EQ	"ROCK", "REGGAETON", "POP", "CUMBIA", "SALSA", "FORRO", "FUNK", "SAMBA" or "SERTANEJO".  <i>Using the main unit</i> Press [PRESET EQ].
BASS	-4 to +4
MID	<i>Using the main unit</i>
TREBLE	1. Press [MANUAL EQ] to select "BASS", "MID" or "TREBLE". 2. Press [◀◀/▶▶] or [▶▶/▶▶] to adjust the level.
D.BASS	"ON D.BASS", "AUTO D.BASS" or "OFF D.BASS"  <i>Using the main unit</i> Press [D.BASS].
SURROUND	"ON SURROUND" or "OFF SURROUND"

Note:



The default setting is underlined. Changed settings will be kept until it is changed again, unless otherwise indicated.

## DJ JUKEBOX

### USB

You can use DJ JUKEBOX to add cross-fading effect between songs.

- 1 Press [PLAY MENU] to select "JUKEBOX".
- 2 Press [▲, ▼] to select "ON JUKEBOX" and then press [OK].  
To cancel, select "OFF JUKEBOX".
- 3 Press [PLAY MENU] to select "PLAYMODE".
- 4 Press [▲, ▼] to select the setting and then press [OK].

RANDOM REPEAT RND 	Play all tracks randomly and repeat all tracks.
ALL TITLE REPEAT 	Repeat all tracks.

### Using the main unit

- 1 Press [DJ JUKEBOX].  
Press again to cancel.
- 2 Turn [CONTROL] to select "RANDOM REPEAT" or "ALL TITLE REPEAT".

**Note:**  
DJ JUKEBOX effect is canceled when you switch off the unit, change to another source or when recording.

### Using the "MAX JUKE" app

You can download and install the free Android™ app "MAX JUKE" on Google Play™ for additional features, such as to request song playback from multiple devices simultaneously.

## Illumination effects

### By main unit only

You can change the illumination color on this system.

- 1 Press and hold [- ILLUMINATION].
- 2 Within 5 seconds, turn [CONTROL] to select the desired setting.

## Clock and timers

### Setting the clock

#### For South America

This is a 24-hour clock.

#### For Central America and the Caribbean

This is a 12-hour clock.

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

### To check the time

Press [CLOCK/TIMER].  
In standby mode, press [DISPLAY].

**Note:**  
Reset the clock regularly to maintain accuracy.

### Play and record timer

(Except for Bluetooth® source)

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

- Wake you up (play timer)
- Record from the radio or the external equipment (record timer)

Play timer and record timer cannot be used together.

### Preparation

Set the clock.

- 1 Press [CLOCK/TIMER] to select "⊙PLAY" or "⊙REC".
- 2 Within 10 seconds, press [▲, ▼] to set the start time.
- 3 Press [OK].
- 4 Do steps 2 and 3 again to set the end time.
- 5 Press [▲, ▼] to select the source you want to play and then press [OK].
- 6 For record timer, press [▲, ▼] to select "MEMORY" or "USB B" to keep the recording and then press [OK].

### To start the timer

- 1 Prepare the audio source.

Play timer	Prepare the music source you want to listen to (disc, USB, internal memory, radio or external equipment) and set the volume.
Record timer	Connect the USB device to <b>USB B</b> (for USB recording) and tune to the radio station or select the external equipment.

- 2 Press [PLAY/REC ⊙] to select "⊙PLAY" or "⊙REC".  
"⊙PLAY" or "⊙REC" is shown.  
To cancel, press [PLAY/REC ⊙] again.  
The system must be switched off for the timer to operate.

## To check the setting

Press [CLOCK/TIMER] to select "⊙PLAY" or "⊙REC".

### Note:

- The play timer starts at a low volume and increases gradually to the preset level.
- The record timer starts 30 seconds 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 switch on again while a timer is in operation, the timer will not stop at the end time.

## Sleep timer

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

Press [SLEEP] to select the setting (in minutes).

SLEEP 30 ↔ SLEEP 60 ↔ SLEEP 90 ↔ SLEEP 120 ↔ OFF

## To check the remaining time

Press [SLEEP].

### Note:

- The play and sleep timer or the record and sleep timer can be used together.
- The sleep timer always comes first. Be sure not to set an overlap of timers.

## Others

### Auto off

This system automatically switches off when you do not use it for 20 minutes.

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

### Note:

This function does not work when you are in radio source or when a Bluetooth® device is connected.

### Bluetooth® standby

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

- 1 Press [PLAY MENU] to select "BLUETOOTH STANDBY". "BLUETOOTH READY" is shown.
- 2 Press [▲, ▼] to select "ON" and then press [OK]. To cancel, select "OFF".

### Software version

You can check the software version of the system.

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

## External equipment

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

### Preparation

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

### To adjust the input level

- 1 Press [SOUND] to select "INPUT LEVEL".
- 2 Press [▲, ▼] to select "NORMAL" or "HIGH" and then press [OK].  
The default setting is "NORMAL".

## Using the music port

You can play music from a portable audio equipment.

### Preparation

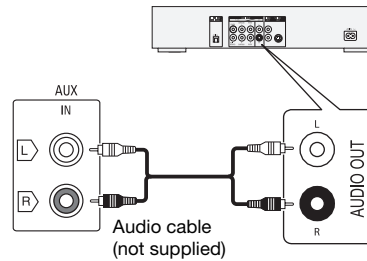
Switch off the equalizer (if any) of the portable audio equipment to prevent sound distortion. Decrease the volume of the system and the portable audio equipment before you connect or disconnect the portable audio equipment.



- 1 Connect the portable audio equipment.  
Plug type: Ø 3.5 mm stereo (not supplied)
- 2 Press [RADIO/EXT-IN] to select "MUSIC PORT".
- 3 Play the portable audio equipment.

## 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 [RADIO/EXT-IN] to select "AUX".
- 3 Play the external equipment.

### Note:

- If you want to connect equipment other than those described, refer to the audio dealer.
- Sound distortion can occur when you use an adapter.

## 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 display panel lights up and changes continuously in standby mode.**

- Press and hold [■] on the main unit to select "DEMO OFF".

**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, then switch the system 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 displayed 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.
- The pairing of the device has been replaced. Do pairing again.
- This system might be connected to a different device. Disconnect the other device and try pairing the device 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-AKX18" manually. Read the operating instructions of the device for details.

**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.
- Select "MODE 1" for stable communication.

### 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 unit if the interference is apparent.

**A low hum is heard during AM broadcasts.**

- Move the antenna away from other cables and cords.

### Main unit displays

**"ADJUST CLOCK"**

- The clock is not set. Adjust the clock.

**"ADJUST TIMER"**

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

**"AUTO OFF"**

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

**"CANNOT SET"**

- You cannot activate or deactivate the play or record timer when in Bluetooth® source.

**"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.

## “ERROR”

- An incorrect operation was done. Read the instructions and try again.

## “ERROR” (during recording)

- You cannot select other playback source (example: radio, USB etc.) or press [◀◀] or [▶▶] during recording. Stop the recording function.
- You cannot open the disc tray when recording from an AM source.

## “F61”

- Examine and correct the speaker cords connection.
- Disconnect the USB device. Switch off the system and then switch it on again.

## “F70”

- Examine the Bluetooth® connection.
- Disconnect the Bluetooth® device. Switch off the system and then switch it on again.

## “F76”

- There is a problem with the power supply.
- Disconnect the AC power supply cord and consult your dealer.

## “F77”

- Disconnect the AC power supply cord and consult your dealer.

## “NODEVICE”

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

## “NO DISC”

- You have not put in a disc.

## “NO PLAY”

## “UNSUPPORT”

- 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.

## “NO TRACK”

- There is no album or track in the USB device or the internal memory.
- There is no album or track in the USB device.

## “NOT MP3 → ERROR”

## “PLAYERROR”

- You played an unsupported MP3 file. The system will skip that track and play the next one.

## “RECERROR”

- You disconnected the USB device while recording. Connect the USB device and do recording again.

## “REMOTE 1”

## “REMOTE 2”

- The remote control and the main unit are using different codes. Change the code of the remote control.
  - When “REMOTE 1” is shown, press and hold [OK] and [0] for a minimum of 4 seconds.
  - When “REMOTE 2” is shown, press and hold [OK] and [USB/CD] for a minimum of 4 seconds.

## “TEMP NG”

- The temperature protection circuit has been activated, and the system will switch off. Let the unit cool down before switching it on again.
- Check that the ventilation opening of the unit is not obstructed.
- Ensure this unit is well ventilated.

## “USB OVER CURRENT ERROR”

- The USB device is using too much power. Disconnect the USB device, switch off the system and then switch on again.

## “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 [RADIO/EXT-IN] to select “MUSIC PORT” or “AUX”.

### To set the code to “REMOTE 2”

- 1 Press and hold [RADIO/EXT-IN] on the main unit and [2] on the remote control until “REMOTE 2” is shown.
- 2 Press and hold [OK] and [2] for a minimum of 4 seconds.

### To set the code to “REMOTE 1”

- 1 Press and hold [RADIO/EXT-IN] on the main unit and [1] on the remote control until “REMOTE 1” is shown.
- 2 Press and hold [OK] and [1] 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 Disconnect the AC power supply cord.
- 2 While you press and hold [⏻] on the main unit, connect the AC power supply cord again. Continue to press and hold the button until “-----” is shown.
- 3 Release [⏻].  
All the settings are set back to the factory preset. It is necessary to set the memory items again.

## Specifications

### Amplifier section

#### RMS output power stereo mode

Front Ch (both ch driven)  
275 W per channel (3 Ω), 1 kHz, 30% THD  
Total RMS stereo mode power 550 W (30% THD)

### Tuner, terminals section

Preset memory FM 30 stations  
AM 15 stations

#### Frequency modulation (FM)

Frequency range  
**For South America**  
87.50 MHz to 108.00 MHz (50 kHz step)

**For Central America and the Caribbean**  
87.5 MHz to 108.0 MHz (100 kHz step)  
87.9 MHz to 107.9 MHz (200 kHz step)

Antenna terminals 75 Ω (unbalanced)

#### Amplitude modulation (AM)

Frequency range  
**For South America**  
522 kHz to 1629 kHz (9 kHz step)  
520 kHz to 1630 kHz (10 kHz step)  
**For Central America and the Caribbean**  
520 kHz to 1710 kHz (10 kHz step)

#### Music port (front)

Sensitivity 100 mV, 4.7 kΩ  
Terminal Stereo, 3.5 mm jack

Analog audio input Pin jack

### Disc section

Disc played (8 cm or 12 cm)  
CD, CD-R/RW (CD-DA, MP3\*)

Pick up  
Wavelength 790 nm (CD)

Audio output (disc)  
Number of channels 2 ch (FL, FR)  
FL = Front left channel  
FR = Front right channel

\* MPEG-1 Layer 3

### Bluetooth® section

Bluetooth® system specification Version 2.1

Wireless equipment classification Class 2

Supported profiles A2DP, AVRCP, SPP

Operating frequency 2402 MHz to 2480 MHz

Operation distance 10 m line of sight

### Internal memory section

Memory  
Memory size 2 GB  
Media file format support MP3 (\*.mp3)

### Memory recording

Bit rate 128 kbps  
Memory recording speed 1x, 3x max (CD only)  
Recording file format MP3 (\*.mp3)  
Capacity of total songs recorded 510 songs  
(use 128 kbps, approximately 1 song = 4 mins)

### USB section

#### USB port

USB standard USB 2.0 full speed  
Media file format support MP3 (\*.mp3)  
USB device file system FAT12, FAT16, FAT32  
USB port power 500 mA (max)  
Bit rate 16 kbps to 320 kbps (playback)

#### USB recording

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

### Speaker section

Type 2 way, 2 speaker system (bass reflex)

#### Speaker unit(s)

Woofer 20 cm cone type  
Tweeter 6 cm cone type

Impedance 6 Ω

Output sound pressure 87 dB/W (1 m)

Frequency range 50 Hz to 21 kHz (-16 dB)  
75 Hz to 20 kHz (-10 dB)

Dimensions (W x H x D) 250 mm x 429 mm x 226 mm

Mass 4 kg

### General

#### Power supply

**For South America**  
AC 110 V to 127 V/220 V to 240 V, 50/60 Hz

**For Central America and the Caribbean**  
AC 120 V, 60 Hz

Power consumption 73 W

Dimensions (W x H x D) 220 mm x 334 mm x 250 mm

Mass 3 kg

Operating temperature range 0°C to +40°C

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

Power consumption in standby mode	0.5 W (approximate)
Power consumption in standby mode	0.6 W (approximate)

#### Note:

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

Specs based on AKX36. AKX38 TI guide pending.

## About Bluetooth®

### 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:
  - Taking apart or modifying the main 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 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.

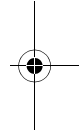
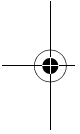
### Intended usage

- 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.).

# Safety application draft



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