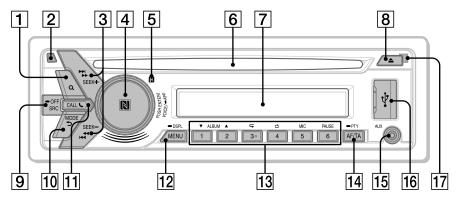
Location of controls and basic operations

Main unit



1 Q (browse)

Enter the Quick-BrowZer™ mode. (You can search for a track in a CD, USB or BT audio device*1 easily by category.)

1 Press Q (browse)*2 to display the list of search categories.

When the track list appears, press (back) repeatedly to display the desired search category.

- 2 Rotate the control dial to select the desired search category, then press it to
- 3 Repeat step 2 to search the desired
- Playback starts.

To exit the Ouick-BrowZer mode, press Q

- 2 Front panel release button
- 3 SEEK +/-
- I◀◀ /▶▶I (prev/next)

Tune in stations automatically (press); find a

station manually (press and hold).

◄◄/▶► (fast-reverse/fast-forward)

- **5** Receptor for the remote commander
- 6 Disc slot

9 SRC (source)*5

Press to turn on the power; select the

Press and hold for more than 2 seconds to turn off the power and the display disappears.

10 **1** (back)

(press, then press again within about 2 Press to select the radio band (FM1, FM2, seconds and hold); reverse/fast-forward a

FM3, MW or LW). track (press and hold).

Skip a track (press): reverse/fast-forward a track (press and hold).

Skip a track (press); skip tracks continuously

App Remote*4:

BLUETOOTH Audio*3:

Skip a track (press).

4 Control dial Rotate to adjust the volume.

ENTER

Enter the selected item.

Press SRC, rotate then press to change the source.

VOICE

Activate voice dial.

When the App Remote function is on, the voice recognition is activated (Android™ phone only).

Press and hold for more than 2 seconds to establish App Remote function (connection).

N-Mark

Touch the control dial with Android phone to make BLUETOOTH connection.

- 7 Display window
- 8 **≜** (disc eject)

source (Radio/CD/USB/AUX/BLUETOOTH audio/BLUETOOTH phone).

Press and hold for 1 second to turn off the

Return to the previous display.

Press and hold to enter/cancel the passenger control (iPod).

Press to activate/deactivate the appropriate device (this unit/cellular phone) (BLUETOOTH phone).

11 CALL 📞

Enter the call menu. Receive/end a call. Press and hold more than 2 seconds to switch the BLUETOOTH signal.

12 MENU

Open the setup menu.

DSPL (display)

Press and hold, then press to change display items.

13 Number buttons (1 to 6)

Receive stored stations (press); store stations (press and hold).

CD/USB:

1/2: ALBUM ▼/▲ (during MP3/WMA/WAV*6

Skip an album (press); skip albums continuously (press and hold).

4: **△** (shuffle)

6: PAUSE

Pause playback. Press again to resume playback.

BLUETOOTH Audio*3:

1/2: ALBUM **▼**/▲

6: PAUSE Pause playback. Press again to resume plavback.

BLUETOOTH phone:

Call a stored phone number (press); store a phone number as a preset (press and hold) (in the call menu).

5: MIC (during a call)

Set the MIC gain (press); select Echo Canceler/Noise Canceler mode (press and

App Remote*4:

Pause playback. Press again to resume playback.

14 AF (alternative frequencies)/TA (traffic

announcement) Set AF and TA.

PTY (program type)

Press and hold to select PTY in RDS.

15 AUX input jack

16 USB port

17 Microphone (on inner panel)

In order for the handsfree function to work properly, do not cover the microphone with tape, etc.

*1 Available only for audio devices supporting AVRCP

- (Audio Video Remote Control Profile) 1.4 or above. *2 During USB playback, press Q (browse) for more than 2 seconds to directly return to the beginning of the category list.
- *3 When a BLUETOOTH audio device (supports AVRCP of BLUETOOTH technology) is connected. Depending on the device, certain operations may not be towards you.
- *4 When App Remote is established with iPhone/ Android phone. Depending on the application. certain operations may not be available.
- *5 If App Remote is established with iPhone/Android phone, the application name appears on the display when selecting the source.
- *6 Available only for USB playback.
- *7 This button has a tactile dot.

For details on BLUETOOTH operations, see the supplied "Operating Instructions."

Warning if your car's ignition has no ACC

Be sure to set the AUTO OFF function. The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain. If you do not set the AUTO OFF function, press and hold OFF until the display disappears each time you turn the ignition off.

Detaching the front panel

You can detach the front panel of this unit to prevent theft.

- 1 Press and hold OFF ①. The unit is turned off.
- 2 Press the front panel release button (2), then remove the panel by pulling it



Caution alarm

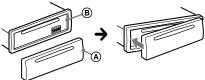
If you turn the ignition switch to the OFF position without detaching the front panel, the caution alarm will sound for a few seconds. The alarm will only sound if the built-in amplifier is

Serial numbers

Make sure the serial numbers on the bottom of the unit and the back of the front panel are matched correctly. Otherwise you cannot make BLUETOOTH pairing, connection and disconnection by NFC.

Attaching the front panel

Engage part (A) of the front panel with part (B) of the unit, as illustrated, and push the left side into position until it clicks.



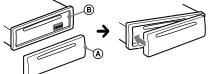
The clock uses a 24-hour digital indication.

- The hour indication flashes.

select [GENERAL], then press it.

- 3 Rotate the control dial to set the hour and

You can set the clock automatically with the RDS feature. For details, see "Adjusting setup items" on the reverse side of the sheet, and set to [CT-ON] (clock



Setting the clock

SET UP

1 Press MENU, rotate the control dial to

- 2 Rotate the control dial to select [CLOCK-ADJ], then press it.

To move the digital indication, press SEEK

4 After setting the minute, press MENU. The setup is complete and the clock starts.

To display the clock Press DSPL.

Storing stations automatically

1 Press SRC repeatedly to select [TUNER]. To change the band, press MODE repeatedly.

2 Press MENU, rotate the control dial to select [GENERAL], then press it.

3 Rotate the control dial to select [BTM], then

When tuning in stations while driving, use Best

Tuning Memory (BTM) to prevent an accident.

The unit stores stations in order of frequency on the number buttons.

USB iPod

Playback starts.

recognized).

To stop playback

To remove the device

Caution for iPhone

Playing back an iPod/USB device

connection cable for iPod (not supplied).

If a device is already connected, to start

playback, press SRC to select [USB] ([IPD]

appears in the display when the iPod is

2 Adjust the volume on this unit.

Press and hold OFF for 1 second.

may result when the call ends.

Stop playback, then remove the device.

When you connect an iPhone via USB, phone

call volume is controlled by the iPhone, not the

unit. Do not inadvertently increase the volume

on the unit during a call, as sudden loud sound

- 1 Open the USB cover, then connect an iPod/ 1 During playback, press ⊊ (repeat) or △ USB device to the USB port.* (shuffle) repeatedly to select the desired play mode. * To connect an iPod/iPhone, use the USB
 - Playback in selected play mode may take time to start.

selected sound source.



Pairing and connecting with a **BLUETOOTH** device

phone, audio device, etc.) for the first time. mutual registration (called "pairing") is required. Pairing enables this unit and other devices to recognize each other.

When connecting a BLUETOOTH device (cellular





2 Press CALL, rotate the control dial to select [PAIRING], then press it. flashes.

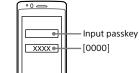
- The unit enters pairing standby mode. 3 Perform pairing on the BLUETOOTH device so it detects this unit.
- 4 Select [Sonv Car Audio] shown in the display of the BLUETOOTH device. If [Sony Car Audio] does not appear, repeat



from step 2.



Playing tracks in various modes Available play modes differ depending on the



When pairing is made, stays lit.

6 Select this unit on the BLUETOOTH device to establish the BLUETOOTH connection.

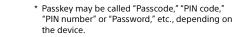
While connecting to a BLUETOOTH device, this unit cannot be detected from another device. To enable unit from another device.

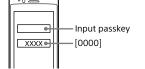
To cancel pairing

Perform step 2 to cancel the pairing mode after

CD USB iPod

5 If passkey* input is required on the BLUETOOTH device, input [0000].





or n lights up when the connection is

detection, enter the pairing mode and search for this

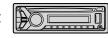
this unit and the BLUETOOTH device are paired.

Connecting with a BLUETOOTH

To use a paired device, connection with this unit is required. Some paired devices will connect automatically.







1 Press CALL, rotate the control dial to select [BT SIGNL], then press it. Make sure that **8** lights up.

- 2 Activate the BLUETOOTH function on the BLUETOOTH device.
- 3 Operate the BLUETOOTH device to connect to this unit.

or 🔊 lights up.

To connect the last-connected device from

Activate the BLUETOOTH function on the BLUETOOTH device.

Press SRC.

Select [BT PHONE] or [BT AUDIO]. Press ENTER to connect with the cellular phone, or PAUSE to connect with the audio device.

While streaming BLUETOOTH audio, you cannot connect from this unit to the cellular phone. Connect from the cellular phone to this unit instead.

With BLUETOOTH signal on: when the ignition is turned to on, this unit reconnects automatically to the last-connected cellular phone.

Installing the microphone (not supplied) will

To install the microphone

improve audio quality while talking through this unit. For details on how to connect the microphone, refer to the operating instructions supplied with the microphone.

Connecting with a Smartphone by One touch (NFC)

By touching the control dial on the unit with an NFC* compatible smartphone, the unit is paired and connected with the smartphone automatically.

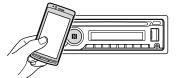
* NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as mobile phones and IC tags. Thanks to the NFC function, data communication can be achieved easily just by touching the relevant symbol or designated location on NFC compatible devices.

For a smartphone with Android OS 4.0 or lower installed, downloading the app "NFC Easy Connect" available at Google Play™ is required. The app may not be downloadable in some countries/regions.

1 Activate the NFC function on the smartphone.

For details, refer to the operating instructions supplied with the smartphone.

2 Touch the N-Mark part of the unit with the N-Mark part of the smartphone.



Make sure that 8 lights up on the display of the unit.

To disconnect by One touch

Touch the N-Mark part of the unit with the N-Mark part of the smartphone again.

• When making the connection, handle the smartphone carefully to prevent scratches.

• One touch connection is not possible when the unit is AUTO PAIRING*1 already connected to another NFC compatible device. In this case, disconnect the other device, and make connection with the smartphone again.

Operating the BLUETOOTH functions

1 Press CALL. The call menu appears.

2 Rotate the control dial to select the desired item, then press it.

3 Press **⊅** (back)*.

The source returns to the BLUETOOTH phone.

* For PAIRING, REDIAL, VOICE DIAL and BT SIGNL settings, step 3 is not necessary.

The following items can be set:

PAIRING*1

Turns this unit into standby mode for pairing with BLUETOOTH devices.

PHONEBOOK

Makes a call to the number selected by the user from the phonebook*2.

Makes a call again to the last phone number dialed.

RECENT CALL

Allows the user to select a phone number from the call history and redial that number*2.

VOICE DIAL

Activates voice dialing, and allows the user to make a call by saying its voice tag.

DIAL NUMBER

Makes a call to the phone number entered by the user.

RINGTONE*1*3

Selects whether this unit or the connected cellular phone outputs the ringtone: [1] (this unit), [2] (cellular phone).

AUTO ANS*1 (auto answer)

Sets this unit to answer an incoming call automatically: [OFF], [1] (about 3 seconds), [2] (about 10 seconds).

Start BLUETOOTH pairing automatically when iOS device version 5.0 or later is connected via USB: [ON], [OFF].

BT SIGNL*1 (BLUETOOTH signal)

Activates the BLUETOOTH function: [ON], [OFF].

BT INIT*4 (BLUFTOOTH initialize)

Initializes all the BLUETOOTH related settings (pairing information, preset number, device information, etc.).

- *1 You can also select these items by pressing MENU and rotating the control dial to select [BT].
- *2 When connecting to a cellular phone supporting PBAP (Phone Book Access Profile).
- *3 Depending on the cellular phone, this unit's ringtone may be output even if set to [2] (cellular phone).

*4 Appears on the setup menu when the unit is turned

SET UP RADIO CD USB iPod BLUETOOTH

Adjusting the sound characteristics

- 1 During reception/playback, press MENU, rotate the control dial to select [SOUND]. then press it.
- 2 Rotate the control dial to select the desired item, then press it.
- 3 Rotate the control dial to select the setting. then press it.

The setting is complete.

4 Press (back) to return to the previous

The following items can be set depending on the source and setting:

SOUND Setup:

C.AUDIO+ (clear audio+)

Reproduces sound by optimizing the digital signal with the Sony recommended sound settings: [ON], [OFF]. (Automatically sets to [OFF] when [EQ10 PRESET] is changed).

EO10 PRESET

Selects an equalizer curve from 10 equalizer curves or off: [R AND B], [ROCK], [POP], [DANCE], [HIP-HOP], [ELECTRONICA], [JAZZ], [SOUL], [COUNTRY], [CUSTOM], [OFF].

The equalizer curve setting can be memorized for each source.

EO10 SETTING

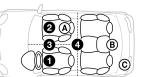
-6 dB to +6 dB.

Sets [CUSTOM] of EO10.

Selects a preset equalizer curve as a basis for further customizing: [BAND1] 32 Hz, [BAND2] 63 Hz. [BAND3] 125 Hz. [BAND4] 250 Hz. [BAND5] 500 Hz, [BAND6] 1 kHz, [BAND7] 2 kHz, [BAND8] 4 kHz, [BAND9] 8 kHz. [BAND10] 16 kHz.

The volume level is adjustable in 1 dB steps, from

POSITION (listening position)



SET F/R POS (set front/rear position) Simulates a natural sound field by delaying the sound output from front/rear speaker to suit your position. FRONT L (1): Front left

FRONT R (2): Front right FRONT (): Center front ALL (4): In the center of your car

CUSTOM: Position set by App Remote OFF: No position set ADJ POSITION*1 (adjust position)

Fine-tunes the listening position setting Adjustable range: [+3] - [CENTER] - [-3].

SET SW POS*1 (set subwoofer position) NEAR (A): Near NORMAL (B): Normal FAR (©): Far

BALANCE

Adjusts the sound balance: [RIGHT-15] – [CENTER] - [LEFT-15].

FADER

Adjusts the relative level: [FRONT-15] – [CENTER] - [REAR-15].

DSEE (digital sound enhancement engine) Improves digitally compressed sound by restoring

high frequencies lost in the compression process. This setting can be memorized for each source other than the tuner.

LOUDNESS

Reinforces bass and treble for clear sound at low volume levels: [ON], [OFF].

AAV (advanced auto volume)

Adjust the playback volume level of all playback sources to the optimum level: [ON], [OFF].

Selects the DSEE mode: [ON], [OFF].

RB ENH*2 (rear bass enhancer)

Rear Bass Enhancer enhances the bass sound by applying a low pass filter setting to the rear speakers. This function allows the rear speakers to work as a subwoofer if one is not connected. (Available only when [SW DIREC] is set to [OFF].) RBE MODE (rear bass enhancer mode) Selects the rear bass enhancer mode: [1], [2], [3],

LPF FREO (low pass filter frequency) Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz]. LPF SLOP (low pass filter slope) Selects the LPF slope: [1], [2], [3].

SW DIREC*3 (subwoofer direct connection)

You can use the subwoofer without a power amplifier when it is connected to the rear speaker cord. (Available only when [RBE MODE] is set to

Be sure to connect a 4 - 8 ohm subwoofer to either of the rear speaker cords. Do not connect a speaker to the other rear speaker cord. SW MODE (subwoofer mode)

Selects the subwoofer mode: [1], [2], [3], [OFF]. **SW PHASE** (subwoofer phase)

Selects the subwoofer phase: [NORM], [REV]. SW POS*1 (subwoofer position) Selects the subwoofer position: [NEAR]. [NORMAL], [FAR].

LPF FREQ (low pass filter frequency) Selects the subwoofer cut-off frequency: [50Hz]. [60Hz], [80Hz], [100Hz], [120Hz]. LPF SLOP (low pass filter slope) Selects the LPF slope: [1], [2], [3],

S.WOOFER (subwoofer) SW LEVEL (subwoofer level)

Adjusts the subwoofer volume level: [+10 dB] - [0 dB] - [-10 dB]. ([ATT] is displayed at the lowest setting.) SW PHASE (subwoofer phase) Selects the subwoofer phase: [NORM], [REV]. SW POS*1 (subwoofer position) Selects the subwoofer position: [NEAR], [NORMAL], [FAR].

LPF FREQ (low pass filter frequency) Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

LPF SLOP (low pass filter slope)

Selects the LPF slope: [1], [2], [3].

HPF FREO (high pass filter frequency) Selects the front/rear speaker cut-off frequency: [OFF], [50Hz], [60Hz], [80Hz], [100Hz], [120Hz], HPF SLOP (high pass filter slope) Selects the HPF slope (effective only when IHPF FREQ] is set to other than [OFF]): [1], [2], [3].

AUX VOL*4 (AUX volume level) Adjusts the volume level for each connected

HPF (high pass filter)

auxiliary device: [+18 dB] - [0 dB] - [-8 dB]. This setting negates the need to adjust the volume level between sources.

BTA VOL*5 (BLUETOOTH audio volume level) Adjusts the volume level for each connected BLUETOOTH device: [+6 dB] - [0 dB] - [-6 dB]. This setting negates the need to adjust the volume level between sources.

- *1 Does not appear when [SET F/R POS] is set to [OFF].
- *2 When [SW DIREC] is set to [OFF]. *3 When [RBE MODE] is set to [OFF].
- *4 When the AUX is selected.
- *5 When BLUETOOTH audio source is activated

These settings are not available for a BLUETOOTH phone source.

SET UP RADIO CD USB iPod BLUETOOTH

Adjusting setup items

- 1 Press MENU, rotate the control dial to select the desired category, then press it.
- 2 Rotate the control dial to select the desired item, then press it.
- 3 Rotate the control dial to select the setting. then press it.*
- 4 Press (back) to return to the previous
- * For CLOCK-ADJ and BTM settings, step 4 is not

The following items can be set depending on the source and setting:

GENERAL Setup:

CLOCK-ADJ (clock adjust) Adjust clock.

CAUT ALM*1 (caution alarm)

The setting is complete.

Activates the caution alarm: [ON], [OFF]. (Available only when the unit is turned off.)

necessary

Activates the beep sound: [ON], [OFF].

AUTO OFF

Shuts off automatically after a desired time when the unit is turned off: [NO], [30S] (30 seconds). [30M] (30 minutes), [60M] (60 minutes).

AUX-A*1*2 (AUX audio)

Activates the AUX source display: [ON], [OFF]. (Available only when the unit is turned off.)

RFAR/SUR

Switches the audio output: [SUB-OUT] (subwoofer), [REAR-OUT](power amplifier) (Available only when the unit is turned off.)

CT (clock time) Activates the CT function: [ON], [OFF].

REGIONAL*3 Restricts reception to a specific region: [ON],

[OFF]. (Available only when FM is received.) BTM*4

Stores radio stations automatically.

*1 When the unit is turned off.

*2 Does not appear in App Remote.

- *3 When FM is received. *4 When the tuner is selected.
- For details, see "Adjusting the sound characteristics."
 - **DISPLAY Setup: DEMO** (demonstration)

Activates the demonstration: [ON], [OFF].

SOUND Setup:

DIMMER Changes the display brightness: [ON], [OFF].

ILLUM (illumination) Changes the illumination color: [1], [2].

AUTO SCR* (auto scroll)

* When the CD, USB or BLUETOOTH audio is selected.

Scrolls long items automatically: [ON], [OFF].

BT (BLUETOOTH):

For details, see "Operating the BLUETOOTH functions."

APP REM (App Remote):

Starts establishing App Remote.