4. DIMENSIONAL DIAGRAM

REAR VIEW

TOP VIEW

FRONT VIEW

REMOTE CONTROL

SIDE VIEW

Unit : mm

5. SPECIFICATIONS

Power Source	220 ~ 240V AC, 50/60 Hz
Power Consumption	15 W
CD Frequency Response	20 - 20,000 Hz, ±3 dB
Tuner Receiving Frequency	87.5 -108 MHz (50 kHz step)
Audio Input	FM 75 ohms unbalanced antenna terminals, USB port for memory stick (support up to 32GB), SD/MMC card slot (support up to 32GB).
Audio Output	RCA audio output for FM L and R channels, RCA audio output for CD L and R channels, RCA audio output for PRIORITY L and R channels.
Channels of Memory Tuner	30 Channels in total for FM broadcasts
Indicators	CD Player : LED, Tuner FM : LED
Operating Temperature	0°C to 40°C
Finish	Front Panel : Steel Plate, Color Black Case : Steel Plate, Color Black
Dimensions	482 (W) X 44 (H) X 250 (D) in mm
Weight	3.6 kg (without accessories)
Accessories	AC Power cord
	FM radio Antenna
	Remote Control

Note : The design and specifications are subject to change without notice for improvement.

TOA

INSTRUCTION MANUAL

CD PLAYER

CD-2011R AS

Thank you for purchasing TOA's CD Player
Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

1. SAFETY PRECAUTIONS

• Be sure to read the instructions in this section carefully before use.
• Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.
• We also recommend you keep this instruction manual handy for future reference.

Safety symbol and Message Conventions

Safety symbol and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety hazards.

⚠ **WARNING**	Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.
⚠ **CAUTION**	Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

⚠ WARNING

When Installing the unit
• Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.

• Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.

• Do not cut, klink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.

• Avoid installing or mounting the unit in unstable locations, such as on a rickety table or slanted surface. Doing so may result in the unit falling down and causing personal injury and / or property damage.

• To prevent lightning strikes, install the unit at least five meters away from the lightning rod, and yet within the protective range (angle of 45°) the lightning conductor. Lightning strikes may cause the fire, electric shock or personal injury.

⚠ CAUTION

When Installing the unit
• Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.

• When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.

• When moving the unit, be sure to remove its power supply cord from the wall outlet. Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.

• Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.
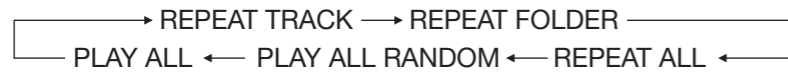
2. GENERAL DESCRIPTION

The CD-2011R AS is a CD player and Digital processing FM radio tuner capable of storing up to 30 receiving channels, each of which can be recalled by one - touch operation. CD with mechanic and electronic anti - shock, CD, CD-R, CD-R/W, MP3, USB and Card MP3 playable. The unit can be mounted on an EIA equipment rack.
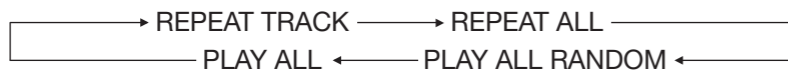
3. NOMENCLATURE AND FUNCTIONS

[Front]
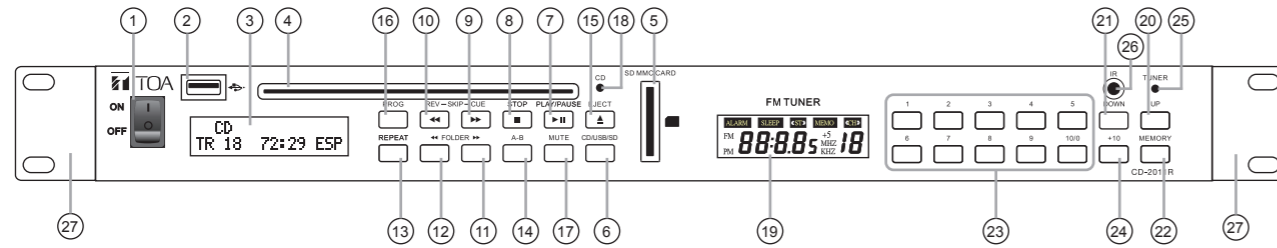
1. Power switch : Press ON to switch on the power. Press OFF to switch off the power.
2. USB Connector : Insert the USB.
3. LCD Display : CD status including track number and playing time.
4. Disc Drive : Insert the disc.
5. SD/MMC CARD Connector : Accept SD Card or MMC Card.
6. CD/USB/SD : Press this key to change to CD, USB or SD mode.
7. PLAY/PAUSE : Press once to start playing, press again to pause.
8. STOP : Press this key to stop playing.
9. CUE : Press this key to next track number.
10. REV : Press this key to previous track number.
11. FOLDER ▶▶: Press to next folder. Available for USB and SD Card.
12. FOLDER ◀◀: Press to previous folder. Available for USB and SD Card.
13. REPEAT : In MP3 mode and in USB mode, Press to change play mode cyclically as shown below.

```
         ┌──→ REPEAT TRACK ──→ REPEAT FOLDER ──────┐
         └─ PLAY ALL ←── PLAY ALL RANDOM ←── REPEAT ALL ←┘
```

In CD mode, Press to change play mode cyclically as shown below.

```
         ┌──→ REPEAT TRACK ──────→ REPEAT ALL ──────┐
         └───── PLAY ALL ←───── PLAY ALL RANDOM ←────┘
```

14. A-B : When this key is pressed during play, the beginning is marked. Press this key one more time, the end is also marked, and the set will play from the beginning to the end cyclically. Press this key again to reset the function.
15. EJECT : Press this key to remove the disc.
16. PROG : Set to programming mode. When the STOP key is pressed during programming mode, all programs are cleared.
17. MUTE : In playing mode, press this key to mute, press again to recovery.
18. CD Indicator : Press once CD/TUNER on remote controller to CD mode. The LED will light up.
19. FM TUNER Display : FM Tuner status including FM band and channels memory.
20. UP : Every time the UP key is pressed, the reception frequency is increased by 50kHz or 100kHz for FM. (Depending on sales area, it has been adjusted to one of two.) When this key is pressed over 1.5 seconds, the auto tuning starts and stop automatically as soon as station is detected.
21. DOWN : Every time the DOWN key is pressed, the reception frequency is decreased by 50kHz or 100kHz for FM. (Depending on sales area, it has been adjusted to one of two.) When this key is pressed over 1.5 seconds, the auto tuning starts and stop automatically as soon as station is detected.
22. MEMORY : This key can save preset memory. The FM band has fixed preset memory of 30 CH. To save the displayed reception frequency in the preset memory, press the MEMORY key, then press the number key. Press the MEMORY key again to save the reception frequency in that number key.
23. 1~10 : Press these keys to select preset station 1~10.
24. +10/- - : Press this key once and the preset station number will add 10. Press this key for more than 1.5 seconds, then use number key to input the preset station.
25. TUNER Indicator : Press once CD/TUNER on remote controller to TUNER mode. The LED will light up.
26. IR : Pick up signal from the remote controller.
27. Removable Mounting Brackets : For mounted on an EIA equipment rack

[Rear]
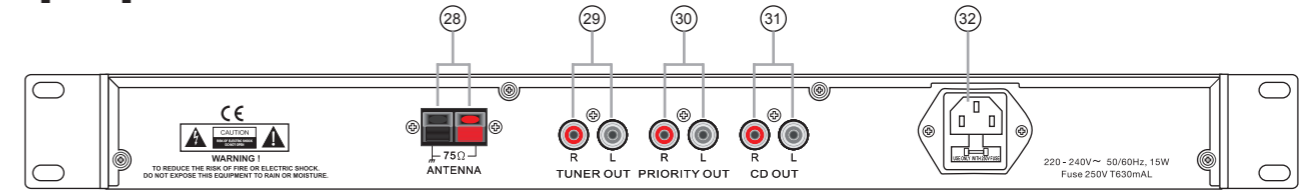
28. ANTENNA terminals : Connect to FM antenna. (75 Ohms)
29. TUNER OUT stereo terminals : Provide stereo audio output of received radio program. (RCA jack)
30. PRIORITY OUT stereo terminals : Provide stereo audio output in the following priority : CD, USB, SD, FM. (RCA Jack)
31. CD OUT stereo terminals : Provide stereo audio output of CD program. (RCA jack)
32. AC Inlet : Connect to AC cord 220 - 240V.

[Remote Handset]
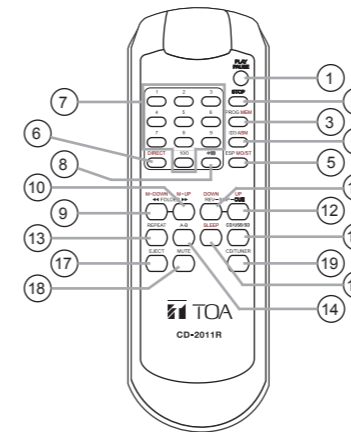
1. PLAY/PAUSE : See No.7 on player unit.
2. STOP : See No.8 on player unit.
3. PROG/MEM : In CD mode, See No.16 on player unit. In TUNER mode, See No.22 on player unit.
4. ID3/ASM : In CD mode, When this key is pressed, the ID3 in the LCD display will flash, and the ID3 TAG is displayed, pressing this key again to cancel the ID3 function. In TUNER mode, This is Auto scan mode and memory function. Press this key for more than 1.5 seconds, the tuner will search the station and store in memory automatically.
5. ESP-MO/ST : In CD mode, ESP is displayed in the LCD when the key is pressed, and the electronic anti-shock is activated. The electronic anti-shock time is about 40 seconds. In TUNER mode, Press this key, to change between stereo and mono mode.
6. DIRECT : In TUNER mode, This is a direct search function. Press this key once, then use number key to input the station frequency, press DIRECT key again to confirm the frequency. The tuner jump to this station. If the input frequency is beyond the range, the tuner will display ERR.
7. 0-9; 1-10 : In CD mode, Use this key to select the track you want directly. In TUNER mode, See No.23 on the player unit.
8. +10/- - : In TUNER mode, See No.24 on player unit.
9. FOLDER/M-UP : In CD mode, See No.11 on player unit. In TUNER mode, Press this key to select preset memory in increment.
10. FOLDER/M-DOWN : In CD mode, See No.12 on player unit. In TUNER mode, Press this key to select preset memory in decrement.
11. UP/CUE : In CD mode, See No.9 on player unit. In TUNER mode, See No.20 on player unit.
12. DOWN/REV : In CD mode, See No.10 on player unit. In TUNER mode, See No.21 on player unit.
13. REPEAT : In CD mode, See No.13 on player unit.
14. A-B : In CD mode, See No.14 on player unit.
15. SLEEP : In TUNER mode, When SLEEP key is pressed, the sleep function is set and the sleep time in display will flash for 5 seconds. The sleep time begins from 90 minutes and changes cyclically as shown below. When the SLEEP function is set, the power is automatically switched off after the sleep time.

```
  ┌→ 90 ─→ 80 ─→ 70 ─→ 60 ─→ 50 ─→ 40 ─→ 30 ─→ 20 ─→ 10 ─┐
  └──────────────────── OFF ←───────────────────────────┘
```
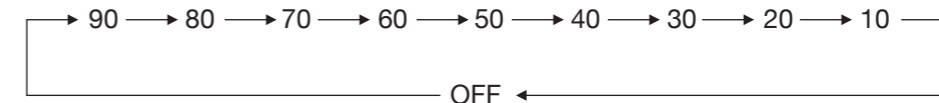
The sleep function is cleared, if the SLEEP key is pressed till the sleep time is not displayed on the LCD.

16. CD/USB/SD : In CD mode, See No.6 on player unit.
17. EJECT : In CD mode, See No.15 on player unit.
18. MUTE : In CD mode, See No.17 on player unit.
19. CD/TUNER : Switch between CD and TUNER for remote control.