

Technaxx[®] * User Manual

Retro Bluetooth DAB+/FM Stereo Radio with CD Player & USB TX-102

The manufacturer Technaxx Deutschland GmbH & Co.KG hereby declares that this device, to which this user manual belongs, complies with the essential requirements of the standards referred to the Directive **RED 2014/53/EU**. The Declaration of Conformity you find here: www.technaxx.de/ (in bar at the bottom "Konformitätserklärung"). Before using the device the first time, read the user manual carefully.

Service phone No. for technical support: 01805 012643 (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks).
Free Email: support@technaxx.de

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product. **Warranty 2 years**

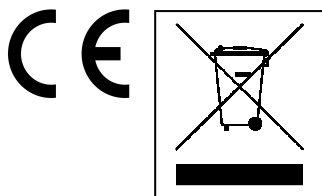
Before usage

- Choose the installation location of your unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, heat, cold or moisture.
- Do not install the unit in a inclined position, It is designed to be operated in a horizontal position only.
- If the unit is brought directly from a cold to a warm location, moisture may condense inside the player, and cause damage it. When you first install the unit, or when you move it from a cold to a warm location, wait for 30 minutes before operating the unit.
- Make sure there is enough space above and beside the amplifier/receiver. Do not place a CD player or other equipment on top of the device.
- Do not open the cabinet. This might cause a damage to circuitry or electrical shock.
- If you are not going to use the player for long time, be sure do disconnect the player from the AC power source. When removing the power plug, never yank the cord.
- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning. Use caution when cleaning and wiping the plastic parts. Do not attempt to clean the unit with the chemical solvents as this might damage the finish.



Features

- Directly recording of DAB, CD, BT, AUX-IN on USB flash drive up to 32GB
- DAB and FM radio with LCD display
- Music playback & recording via Bluetooth 2.0
- Playback of MP3/WMA music files from USB up to 32GB
- No computer/notebook required
- Automatic channel search (saving up to 20 channels each for DAB & FM as favorites)
- RCA outputs for connection to HiFi systems
- 3.5mm headphone jack
- Built-in 2x 5W stereo loudspeakers
- Alarm clock function
- Remote control
- Retro style
- Functional and easy handling

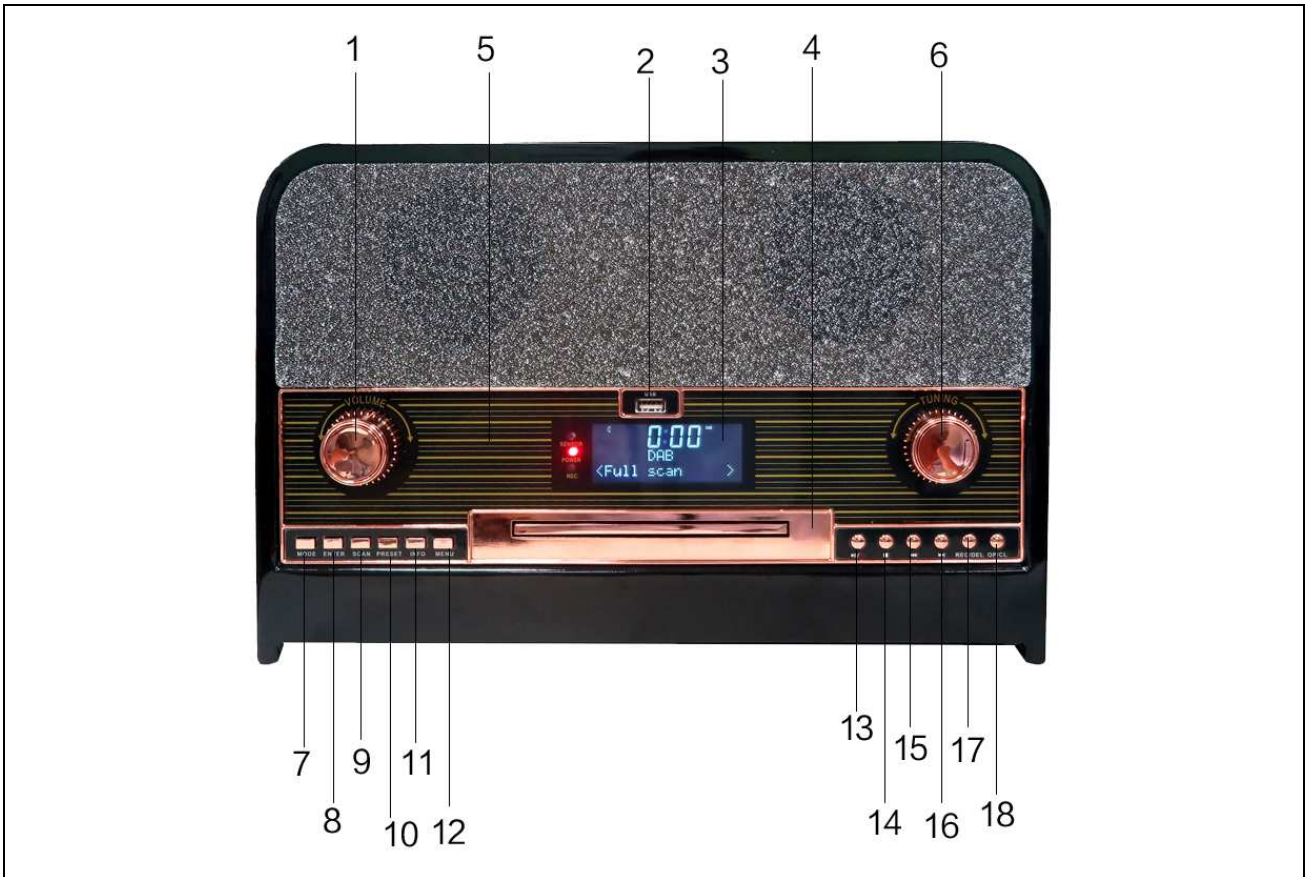


Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany

Technical specifications

Bluetooth	V2.0; profil A2DP & HFP; distance ~8m open areas
Mode	DAB+/FM radio, CD, USB, AUX-IN, Bluetooth
Display	LCD 7.0 x 2.8cm
Speakers	2x 5W stereo loudspeakers ($\varnothing= 7,5\text{cm}$); SNR $\leq 80\text{dB}$, impedance 4 Ω ; frequency range 80Hz–15kHz
Recording	MP3 music files on USB up to 32GB
Music	MP3 music file playback from USB up to 32GB
Jack	AUX-IN; 3.5mm for headphones; USB port; external DAB/FM antenna
USB drive	2–32GB (FAT32)
CD format	CD-DA, CD-R, CD-RW, MP3, WMA
DAB radio frequency	Band III, 174–240MHz
FM radio frequency	87.5–108MHz
Power input	AC 220–240V / 50Hz / 0.8A
Power cable	(L) ~1.5m
Material	MDF + PVC + Plastic
Weight / Dimensions	5.13kg / (L) 37.0 x (W) 25.7 x (H) 21.3cm
Package Contents	
Retro Bluetooth DAB+/FM stereo radio with CD player & USB TX-102, Remote control, DAB/FM antenna, User Manual	

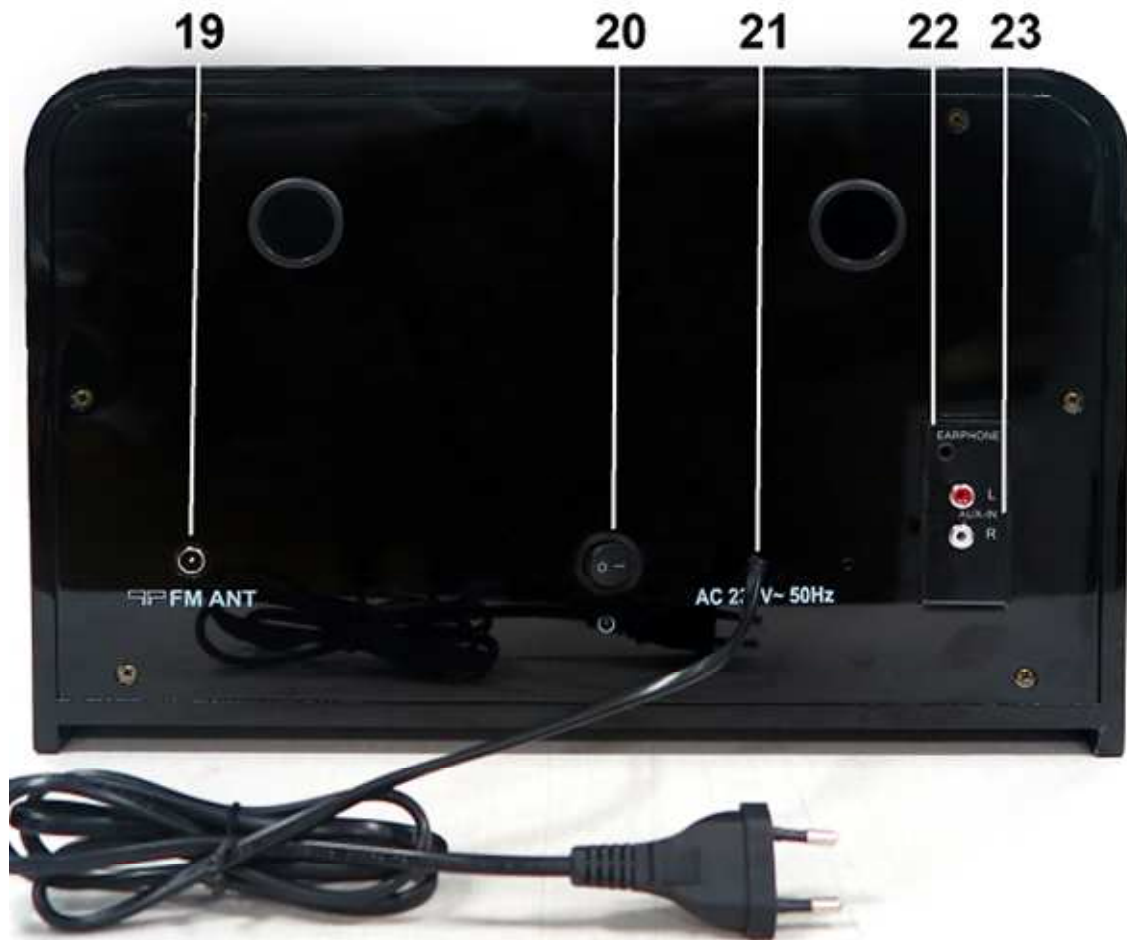
Produkt View



Front View

1	Volume knob (VOL)	2	LCD display
3	USB port	4	CD tray
5	Dial scale	6	Tuning knob
7	Mode	8	Enter
9	Scan	10	Preset
11	Info	12	Menu
13	Play/Pause	14	Stop
15	Skip – (Backward)	16	Skip + (Forward)
17	Record (REC)	18	CD tray open/close button

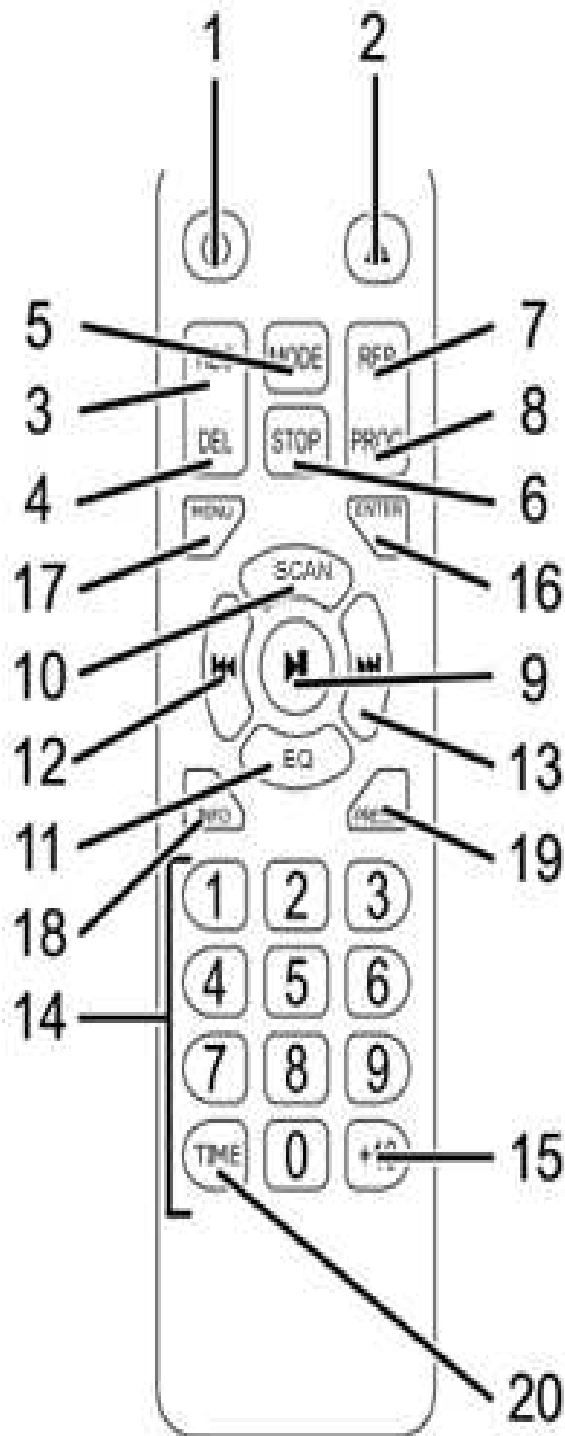
Rear View



19	DAB/FM antenna	20	On/OFF switch
21	AC power cord (~1.5m)	22	3,5mm headphone jack
23	AUX		

Press MODE button (5) on the remote control (see next page) repeatedly to select DAB / FM / BT / CD / USB / AUX.

Remote Control	
1	ON / OFF switch
2	CD tray open/close button
3	Record (REC) button
4	Delete button
5	Mode button
6	Stop button
7	Repeat button
8	Program button
9	Play / Pause button
10	SCAN button
11	EQ button
12	Skip- / Rewind button
13	Skip+ / Fast forward button
14	Numeric keyboard
15	+ 10
16	Enter
17	Menu button
18	Info button
19	Preset button
20	Timer button



First start

Carefully read the manual. Insert the plug of the device into a socket with AC 220–240V/50Hz. Ensure that the voltage is as indicated on the rating plate on the rear of the unit.

→ Switch ON/OFF SWITCH (20) to ON position to turn the unit ON.
→ Switch ON/OFF SWITCH (20) to OFF position to switch the unit OFF.

STANDBY MODE: The display shows the current time and the speakers and backlight are off.

PLAYBACK MODE: The blue backlight is on and you can listen to music. When no sound is produced, the unit will switch to STANDBY MODE automatically after 15 minutes. To switch between PLAYBACK MODE and STANDBY MODE, press and hold PLAY/PAUSE (13) or press ON/OFF (1) on remote control.

General settings

Setting the correct time (in STANDBY mode)

1. Press and hold **STOP (14) [6 on remote control]**. The digits 12 or 24 will flash on the display. Press **SKIP+/- (15/16) [12/13 remote control]** repeatedly to set the correct hour mode. Press STOP again to confirm.
2. The hour digits will flash on the display. Press SKIP+/- repeatedly to set the correct hour. Press STOP again to confirm.
3. The minute digits will flash on the display. Press SKIP+/- repeatedly to set the correct minute. Press STOP again to confirm.
4. The year digits will flash on the display. Press SKIP+/- repeatedly to set the correct year. Press STOP again to confirm.

5. The month digits will flash on the display. Press SKIP+/- repeatedly to set the correct month. Press STOP again to confirm.

6. The day digits will flash on the display. Press SKIP+/- repeatedly to set the correct day. Press STOP again to confirm.

Setting the alarm (in STANDBY mode)

1. Press and hold **TIMER [20 remote control]**. The hour digits will flash on the display. Press **SKIP+/- [12/13 remote control]** repeatedly to set the correct hour. Press TIMER again to confirm.

2. The minute digits will flash on the display. Press SKIP+/- repeatedly to set the correct minute. Press TIMER again to confirm.

3. Press SKIP+/- repeatedly to choose the alarm mode: DAB/FM/CD/USB. Press TIMER again to confirm.

4. Press TIMER to activate the alarm. The alarm icon will appear on display. Once the alarm hour is reached the unit will start playing in the chosen mode.

5. Press TIMER in standby mode to deactivate the alarm. The alarm icon will disappear from the display.

Adjusting of the Sleep timer

1. This function enables the sleep timer while listening to the music.

2. While listening to music, press **TIMER [20 remote control]** repeatedly to select between the possibilities: OFF/15/30/45/60/75/90 minutes.

3. When the selected time is up the unit goes automatically into standby mode.

DAB/FM MODE

Navigate the menu → In FM/DAB mode there is an option menu.

1. Press **MENU (12) [17 remote control]** to access to the options.
2. Press **SKIP+/- (15/16) [12/13 remote control]** to search the options.
3. Press **ENTER (8) [16 remote control]** to select the options.
4. Press MENU to exit the menu.

System settings → In FM/DAB mode, press MENU and select SYSTEM

- **Language** → Select this option to change the system language.
- **Factory Reset** → Select this option to reset the device to factory settings.
- **Software Upgrade** → Select this option if a new software version is released.
- **SW version** → Select this option to see the current software version.

DAB Mode

Press MODE (7) [5 remote control] repeatedly to select DAB mode.	
Press SKIP+/- (15/16) [12/13 remote control] to search the program.	
DAB Menu	Press MENU (12) [17 remote control] to access to the options.

- **Full Scan** → Select this option to perform a full scan of the available DAB programs. You can press **SCAN (9)** to perform the same action.

- **Manual Tune** → Select this option to select manually the DAB frequency.

- **DRC** → select this option to choose between DRC low, DRC high and DRC off.

- **PRUNE function** → automatically deletion of stations with low signal strength and stations which are inactive. Choose between PRUNE function on or off for stations.

- **System** → Look System settings above.

DAB Preset	You can program a maximum of 20 preset radio stations.
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- Press and hold **PRESET (10) [19 remote control]**. PRESET STORE will appear on display.

Press SKIP+/- to select the preset number. Press **ENTER (8) [16 remote control]** to confirm.

- Press PRESET to navigate through the presets.

DAB Info	Repeatedly press INFO (11) [18 remote control] to see the following information's: NAME / KBPS / DATE / TIME.
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FM Mode

<p>Press MODE (7) [5 remote control] repeatedly to select FM mode. Turn the TUNING KNOB (6) to manually select the frequency.</p>	
FM Menu	<p>Press MENU (12) [17 remote control] to access to the options.</p>
<ul style="list-style-type: none">● Scan Setting → to choose between scanning all stations or only the strong stations.● Audio Setting → to choose between forcing mono audio or allowing stereo sound.● System → look System settings above.	
FM Preset	<p>You can program a maximum of 20 preset radio stations.</p>
<ul style="list-style-type: none">● Press and hold PRESET (10) [19 remote control]. PRESET STORE will appear on display. Press SKIP+/- (15/16) [12/13 remote control] to select the preset number. Press ENTER (8) [16 remote control] to confirm.● Press PRESET to navigate.	
FM Info	<p>Repeatedly press INFO (11) [18 remote control] to see the following information: KIND OF PROGRAM / FREQUENCY / AUDIO / DATE / TIME.</p>

CD MODE → playing Compact Disc

1. Press **MODE (7) [5 remote control]** repeatedly to select CD mode.
2. Press **CD TRAY OPEN/CLOSE BUTTON (18) [2 remote control]** to open the CD door. Place a CD with the printed side facing up inside the tray, then close the CD tray. The first track will start playback automatically.
 - Press **SKIP+/-** to select your favorite tunes. If you hold **SKIP+/-**, the playing track will go fast backward or forward until you release the button.
 - Press **PLAY/PAUSE (13) [9 remote control]** to pause the playback. The track number will start blinking. Press **PLAY/PAUSE** again to resume the playback.
 - Press **STOP (14) [6 remote control]** to stop the playback.

Repeat Mode

During playback, repeatedly press the **button (6) on the remote control** to select the following:

- **Repeat one** → The current track is played repeatedly.
- **Repeat Folder/Random** → The current folder is played repeatedly.
- **Repeat All** → All tracks are played repeatedly.

CD Programming → play up to 99 programmed tracks in any desired order.

1. Insert a disc and press **STOP (14) [6 remote control]** when it starts playing.
2. Press the **button (7) on the remote control**. "P01" will be shown on the display.
3. Press **SKIP+/- (15/16) [12/13 remote control]** to select your favorite tunes.

4. Press the **button (8) on the remote control** to store the track in the program memory. "P02" will be shown on the display.
5. Repeat steps 3-4 to select and store all desired tracks.
6. Press the button **PLAY/PAUSE (13) [9 remote control]** to start program play.
7. Press the button **STOP** once to stop the program play. Press **STOP** twice to clear program.

AUX-IN MODE

This unit provides an auxiliary audio input jack for connecting external audio device like MP3 players, CD players and allow playback of your external source through the system speakers.

1. Use an audio cable (not included) with a RCA stereo plugs on one end of the cable. Plug one end into the AUX-IN jack on the main unit and plug the other end of the cable into the LINE OUT or HEADPHONE Jack of your external audio device.
2. Turn ON the unit and your external audio device. Press **MODE (7) [5 remote control]** repeatedly to select AUX mode.
3. Start to play the external device (maybe see the user manual of the external device).

Bluetooth MODE

1. Press the **button (7) [5 remote control]** to select the BLUETOOTH function. "BT Mode" will be shown on the display and starts blinking.
2. Select from your portable device (Smartphone, Tablet...) the Bluetooth tag "**Technaxx TX-102**" then confirm connection.

3. When the pairing is successful the “BT Mode” on the display of the device will stop blinking.

4. Now you can transfer the music to the “**Technaxx TX-102**” and all operations can only be operated from your mobile device.

Note: Some Bluetooth devices can be controlled by TX-102 with Play/Pause, Skip+ and Skip–.

USB MODE → playback from USB

1. Insert the USB flash drive into the USB port of the device.

2. Press **MODE (7) [5 remote control]** repeatedly to select USB mode.

3. The device will start reading the device automatically after the connection.

- Press **SKIP+/- (15/16) [12/13 remote control]** to select your favorite tunes. If you hold **SKIP+/-**, the playing track will go fast backward or forward until you release the button.

- Press **PLAY/PAUSE (13) [9 remote control]** to pause the playback. The track number will start blinking. Press **PLAY/PAUSE (13)** again to resume the playback.

- Press **STOP (14) [6 remote control]** to stop the playback.

Delete USB

1. During playback, press and hold **REC (17) [4 remote control]**. “DEL” will be shown on the display.

2. Press **SKIP+/-** repeatedly to select between ONE/FOLDER/ALL.

3. Press **REC** again to confirm. To stop the process press **STOP**.

Recording function

1. While listening to BLUETOOTH/AUX-IN/DAB, press REC. "REC" will be shown on the display. The REC indicator will light up. Recording will start. Note that the recording speed is 1:1.
2. Press STOP to stop recording.
3. The device will create a folder on the USB flash drive that contains all recorded tracks.

Record from CD to USB

Note: Before you press the REC button to record, select the desired title for the individual recording.

1. Press REC.
2. Press **SKIP+/-** repeatedly to select between ONE/FOLDER/ALL.
3. Press REC once more to start recording.

FAQ's

- **Unit will not power on** → Make sure that the unit's power cord is connected to an appropriate electrical outlet and the wall socket is switched on.
- **There is no sound** → Rotate the power/volume knob clockwise to increase the volume.
- **Nothing will play via the AUX-IN connection** → Make sure the cable is firmly connected and check if external device is clean and undamaged. Check the function knob is set to your desired function. Check that volume of external device is at 70-80%.

● **Nothing will play via the USB flash drive** → Make sure the memory device is properly inserted in the USB port and the correct function is selected.

NOTE: If normal operation cannot be obtained, unplug the power cord from the power outlet and plug it in again.

Important Safeguards

- **Do not** use this unit for anything other than its intended to use.
- **Do not** drop/ bump/shake the device (do not use the unit if it has been damaged in any way).
- **Do not** open/repair/disassemble the device
- **Do not** store the device in high temperature environment/close to open fire/in humid-damp-erosive environments/into water.
- **Stop using** when unusual smell/heating distortion/color-change of the shell material or other abnormal situation happens.
- **Keep away from** children/persons without enough mental ability/persons without enough knowledge to use this product.