

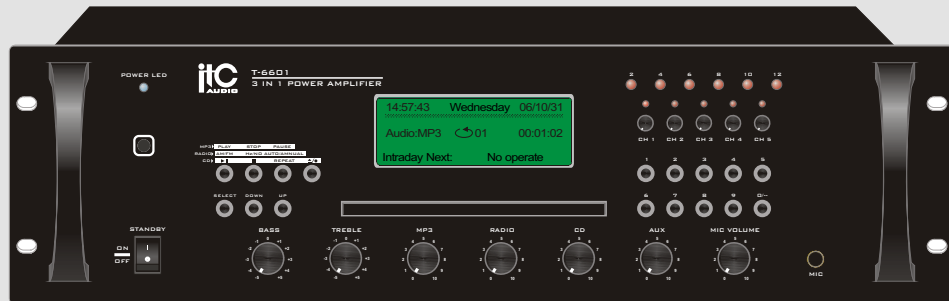


PUBLIC ADDRESS SYSTEM

OPERATION MANUAL

T-6601
T-6612
T-6624
T-6635

3 IN 1 POWER AMPLIFIER



Please follow the instructions in this manual to obtain the optimum results from this unit. We also recommend that you keep this manual handy for future reference.

TABLE OF CONTENTS

1. SAFETY PRECAUTIONS	3
2. GENERAL DESCRIPTION	5
3. FEATURES	5
4. NOMENCLATURE AND FUNCTIONS	
4.1 Front Panel	6
4.2 Rear Panel.....	7
4.3 Remote Device.....	7
5. CONNECTIONS	
5.1. Speaker Connections	8
5.2. XLR Connections	8
6. APPLICATIONS	9
7. BALSIC OPERATION	10
7.1. Boot-starp Interface	10
7.2. CD Operate	10
7.3. MP3 Operate	10
7.4. AM/FM Operate	10
7.5. Paging Selector Control Manual	11
7.6. Time Setup.....	11
7.7. Editing Process	11
7.8. Simple Faults Exclusive	11
7.9. Installation Attention	9
8.0. Note.....	12
9. SPECIFICATIONS	13
10. DIMENSIONAL DIAGRAM	14

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 symbols 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

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, kink, 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.
- Be sure to replace the unit's terminal cover after connection completion. Because high voltage is applied to the speaker terminals, never touch these terminals to avoid electric shock.
- Be sure to ground to the safety ground (earth) terminal to avoid electric shock. Never ground to a gas pipe as a catastrophic disaster may result.
- Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down, causing personal injury and/or property damage.

When the Unit is in Use

- Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest **ITC** dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
 - If you detect smoke or a strange smell coming from the unit.
 - If water or any metallic object gets into the unit
 - If the unit falls, or the unit case breaks
 - If the power supply cord is damaged (exposure of the core, disconnection, etc.)
 - If it is malfunctioning (no tone sounds.)
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to your nearest **ITC** dealer.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.
- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.

1. SAFETY PRECAUTIONS

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.
- Do not block the ventilation slots in the unit's cover. Doing so may cause heat to build up inside the unit and result in fire.
- 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.

When the Unit is in Use

- Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage. In addition, the object itself may fall off and cause injury and/or damage.
- Make sure that the volume control is set to minimum position before power is switched on. Loud noise produced at high volume when power is switched on can impair hearing.
- Do not operate the unit for an extended period of time with the sound distorting. This is an indication of a malfunction, which in turn can cause heat to generate and result in a fire.
- Contact your **ITC** dealer as to the cleaning. If dust is allowed to accumulate in the unit over a long period of time, a fire or damage to the unit may result.
- If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result. Clean it periodically. In addition, insert the plug in the wall outlet securely.
- Switch off the power, and unplug the power supply plug from the AC outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more. Doing otherwise may cause a fire or electric shock.

An all-pole mains switch with a contact separation of at least 3 mm in each pole shall be incorporated in the electrical installation of the building.

2. GENERAL DESCRIPTION

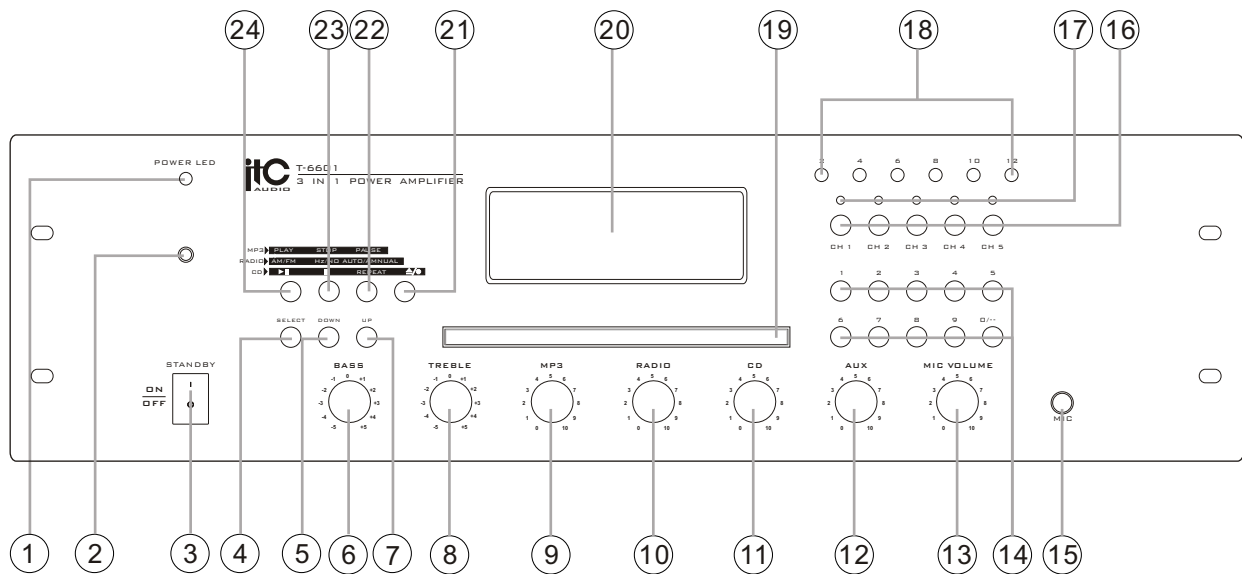
We are grateful to you for purchasing our PA System and we have full confidence to present you the high performance and we have full confidence to present you the high performance products, system units to you, because every process has strict control from design to delivery. Please read the manual within the packaging carefully before operation, and keep well for later reference.

3. FEATURES

1. Inner MP3, DVD, 3 kinds of audio sources, 5 power selector, 1 priority MIC input and 1 line input and pre-amplifier control. It can achieve simple install paging system when connect with speakers. All installation steps are very easy and convenient.
2. Powerful IR remote controller, it can meet various operation ways demands.
3. Power standby function. It can save power supply when it is standby states.
4. 4 inch LCD, English interface are available.
5. Super strong auto programmable control function, it can achieve timing, designated point, and designated program auto operation control function.
6. Program operation can up to 80 steps by each day, It can only edit and implement one program in each time point.
7. Build-in programmable control MP3, storage space can be expandable, it can remote operation and direct operation, support 100 songs and can be controlled by the remote controller.
8. Build-in tuner FM/AM, store 50 channels beforehand, and can manually input the channels number and stored channels, auto/manual search and store channels.
9. Build-in DVD decode, support DVD, CD, MP3 format.
10. Build-in 5 channel amplifier zones and audio output, convenient for big power connection for different power application requirement. It is really achieve integrated system. MIC feature the priority.
11. Power 60W\120W\240W\350W are available.

4. NOMENCLATURE AND FUNCTIONS

4.1 FRONT PANEL



1. POWER

Power indicator Indicator green lights when power on

2. REMOTE DEVICE INCEPT

On top of the opening Power

Press the end, power shut down

4. SELECT

Channel selection buttons

5. DOWN

Down search channel

6. BASS

Adjust bass response. Rotate clockwise to increase bass output and anticlockwise to reduce it.

7. UP

UP search channel

8. TREBLE

Adjust treble response. Rotate clockwise to increase treble output and anticlockwise to reduce it.

9. MP3

MP3 volume control

10. RADIO

Radio volume control

11. CD

CD volume control

12. AUX

AUX volume control

13. MIC VOLUME

MIC volume control

14. NUMBER

(0-9) number key

15. MIC

MIC input 6.3 Microphone jack input

16. (CH1~CH5)

Paging Selector buttons

17. (CH1~CH5)

(CH1~CH5) Selector indicator

18. LEVEL

Level meters 6 output level indicators

19. OPEN/ CLOSE

20. LCD DISPLAY

21. OPEN/CLOSE

Open/Close button

22. AUTO/ MANUAL

Pause/Repeat button

23. STOP/RETURN

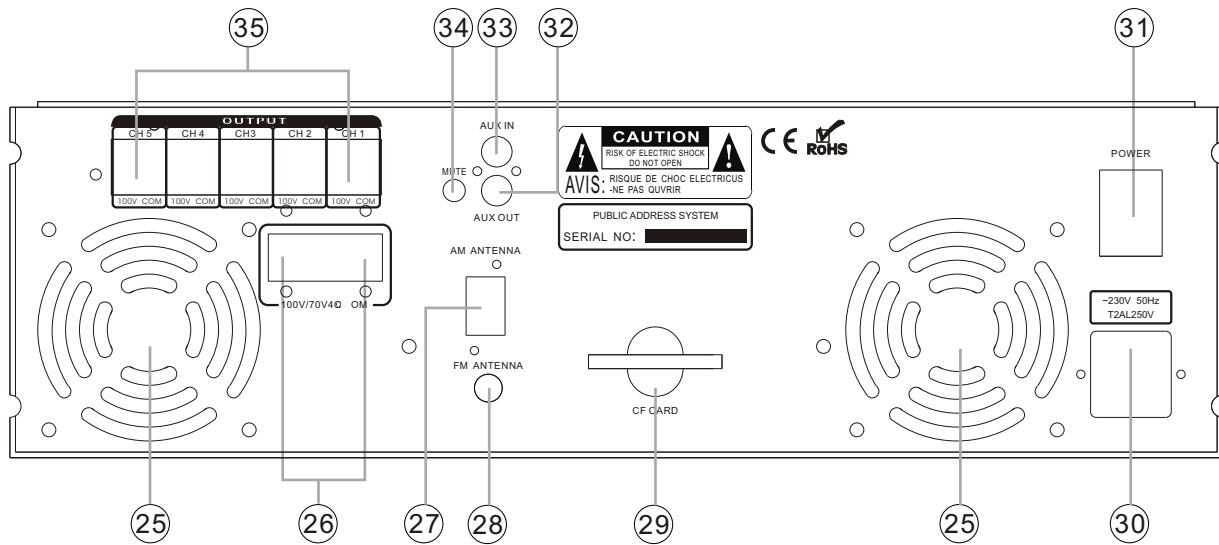
Stop/Return button

24. PLAY

Play button

4. NOMENCLATURE AND FUNCTIONS

4.2 REAR PANEL



25.FAN

26.SPEAKER TERMINALS

Connectors for 4 ohms or 70V and 100V speaker

27.AM ANTENNA

Am-band antenna

28.FM ANTENNA

Fm band 75 ohm antenna

29.CF CARD

30. ~230V/50Hz AC power input

31.POWER MAIN SWITCH

32.AUX OUT

Auxiliary output jack, Non-equilibrium of connecting peripherals signal

33.AUX IN

Auxiliary input jack, Non-equilibrium of connecting peripherals signal

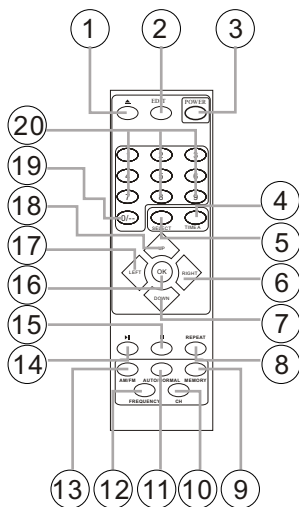
34.MUTE

Mute Microphone mute level control

35. ZONE(1~5) OUTPUT TERMINAL (100V)

Connecting speakers

4.3 REMOTE DEVICE



1. OPEN/ CLOSE

2. EDIT

3. POWER

4. TIME Addition

5. SELECT

6. RIGHT

7. DOWN

8. REPEAT

9. MEMORY

10.CH

11.AUTO/NORMAL

12.FREQUENCY

13.AM/FM

14.PLAY/PAUSE

15.STOP

16.OK

17.LEFT

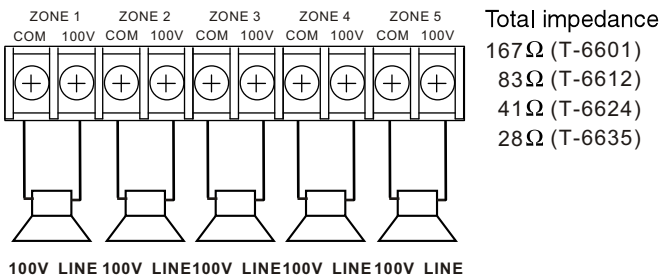
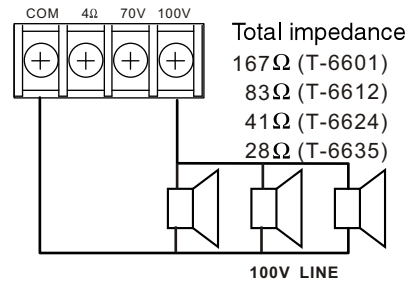
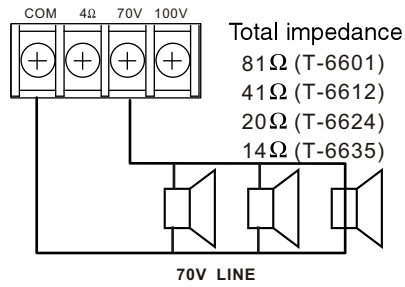
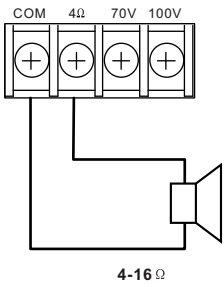
18.UP

19.TWO-DIGITAL INPUT AND ZONE COMPLEX

20.NUMBER KEY

5. CONNECTIONS

5.1 SPEAKER CONNECTIONS



Notes

- Both the 4Ω and 70V/100 V terminals cannot be used at the same time.
- Impedances indicated in the figures represent the total speaker system (load) impedances.

⚠ WARNING

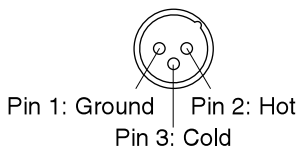
Be sure to attach the supplied terminal cover after connection completion. Because high voltage is applied to the speaker terminals, never touch these terminals to avoid electric shock.

5.2 XLR CONNECTIONS

Combined XLR (female)/phone jack connectors.

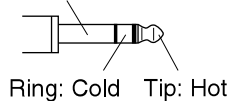
Usable connectors and plugs

- XLR type male connector



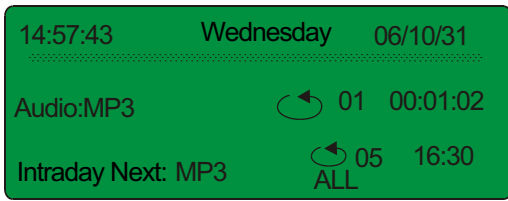
- Phone plug

Sleeve: Ground



7. BALSIC OPERATION

7.1 BOOT-STRAP INTERFACE



Fist line: system time, week, date display

For example: 14: 57: 43 Wednesday 06/10/31

Time minute second week year/month/day

The second line: audio selector, circle single song/ circle all song operate state

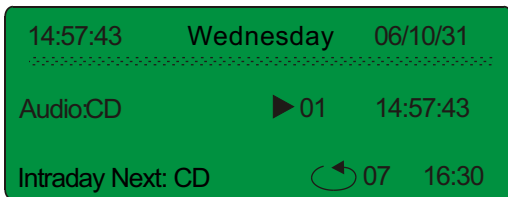
For example: MP3 01 00: 01: 02

The third line: programme indication, programme content

For example: Intraday Next: MP3 05 16:30
ALL

7.2 CD OPERATE

1. Press select key, or remote device,Display:



Fist line: system time, week, date display

For example: 14: 57: 43 Wednesday 06/10/31

Time minute second week year/month/day

The second line: audio selector, circle single song/circle all song operate state

For example: CD 01 14:57:43

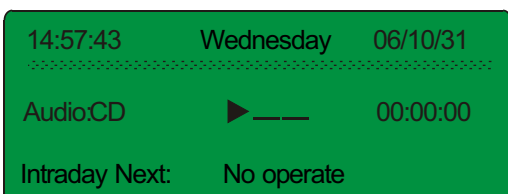
The third line: programme indication, programme content

For example: Intraday Next: CD 07 16:30

2 Here,  and  are CD's operate key,

Play, Stop; circle manner, key of Open/Close.

Display :

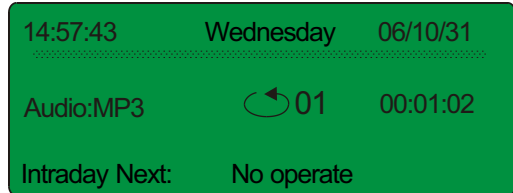


If play the 13th songs, press 0/-- then press "1" and "3"

7.3 MP3 OPERATE

1. Press select key,or remote device.

Display:



Fist line: system time, week, date display

For example: 14:57: 43 Wednesday 06/10/31

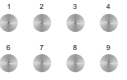
Time minute second week year/month/day

The second line: audio selector, circle single song/ circle all song operate state

For example: MP3 01 00: 01: 02

The third line: programme indication, programme content

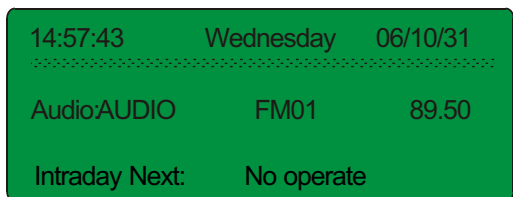
For example: Intraday Next: No operate

2 Here  and  are Mp3 operate key,Play,Stop; circle manner.

7.4 AM/FM TUNER

1. Press select key,or remote device.

Display:



Fist line: system time, week, date display

For example: 14: 57:43 Wednesday 06/10/31

Time minute second week year/month/day

The second line: audio selector, frequency, broadcasting station

For example: AM/FM TUNER FM01 89.50

The third line:programme indication, programme content

For example: Intraday Next: No operate

BALSIC OPERATION

2 Here  and  are FN/AM switch.

3 Storage broadcasting station with manual, first input broadcasting station, then input frequency number, press remote device available.

4 Manual frequency operate. First press panel key-press (Hz/ No) or remote device (Frequency) key, then press broadcasting station frequency's number key input frequency is ok.

5 Automatic search broadcasting station. Press panel key or remote device select auto function. Then press up or down search automatic

Fist line: step, audio state, time, music display

For example:01 step AM/FM TUNER 12:10 music 01


Step audio time music

The second line: affirm process which day run


For example: Mon ✓ Tue ✓ Wed ✓ The ✓ Fri ✓ Sot ✓

✓ express execute process,X express not execute process

The third line: Operate select,Delete (present process),Enter, cancel (Editing process)

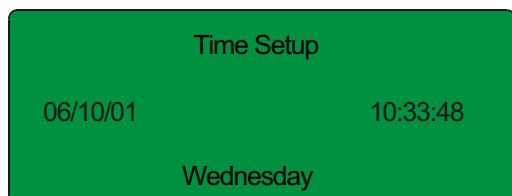
Throughout remote device  combine

7.5 PAGING SELECTOR CONTROL MANUAL

When  display red, show Selector on play.

7.6 TIME SETUP

Throughout TIME ADJ key of remote device, display following:



Fist line: time setup title

The second line: date, time display

For example: 06/ 10/ 01 10:33:48

year/month/day time

The third line: week

For example: Wednesday

Throughout remote device  key combination operation.

Note:1. Process approach only express Process

position, not Process execute order

2.Only edit one process in same minute same day.

If it has several processes in same minute, only execute first process, another was ignored

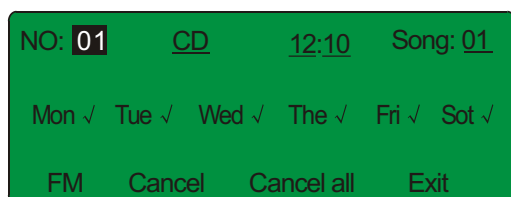
7.8 SIMPLE FAULTS EXCLUSIVE

Faults situation	Faults cause
1.Connecting well, but there is no sound output	1 Power off or plug touch no good 2 Fuse burned 3 Minimum volume 4 No input signal
2.Normal power on, but there is warning when using	1 Overload short circuit or destroy 2 Inconstant power voltage, it is too low or too high 3 too heavy overload
3.Normally use but suddenly there is no sound output	1 Too high temperature, machine input temperature protection 2 connecting wires touch no good

7.7 EDITING PROCESS

Press select key, or remote device.

Display following:



7.9 INSTALLATION ATTENTION

- 1.Do not jam blow-hole
- 2.It should be stop to use the destroy power wires immediately
- 3.Amplifier should not be put in the no good blow-hole place such as : dusty, humidity, sunshiny, high temperature or near heat place, or vibrated place.
- 4.Machine shell should be touchdown safely
- 5.Power jack and socket should be connected well
- 6.When power on and input signals, if you hear the short warning sound, it means output short circuit faults, it should cut off the power immediately to exclusive power on again.

8.0 NOTE

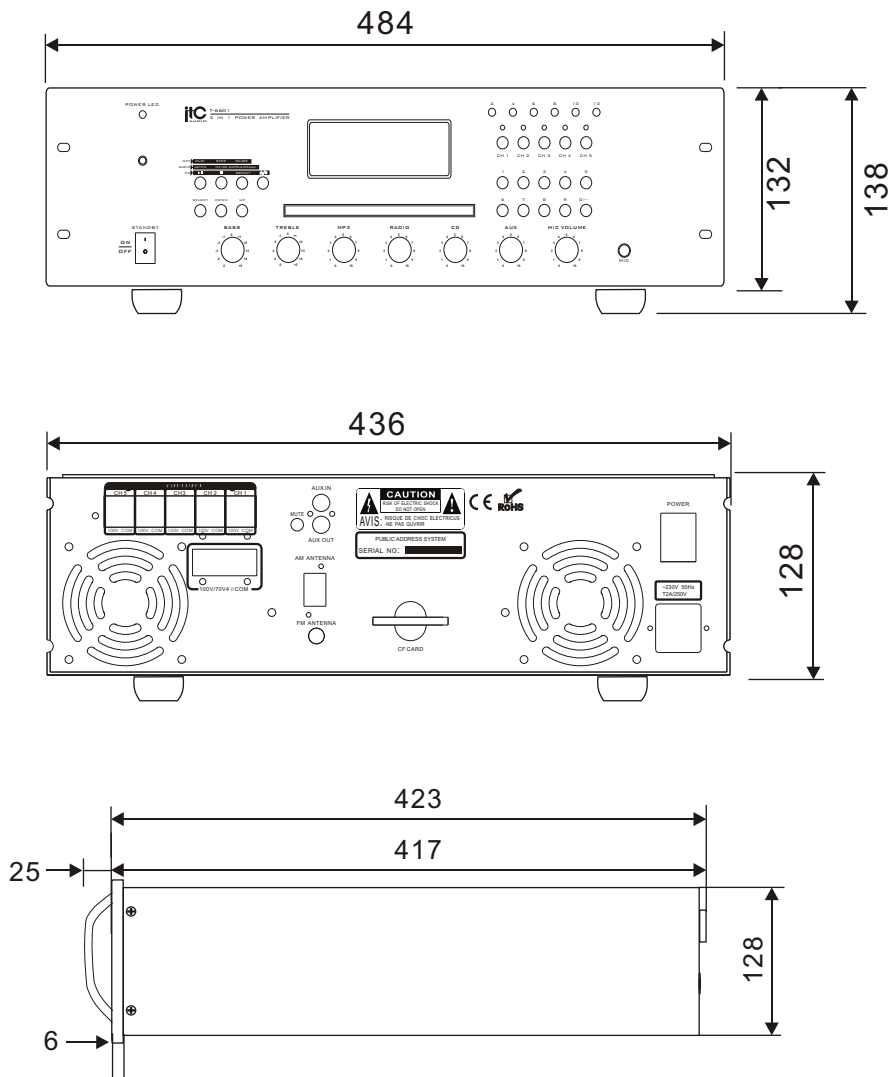
1. Because of organic computer apron string, be incapable of sequence celerity ON/OFF Power. If happen any function fault be likely to cause static or interfere arose. Pray before organic power supply, wait 5 second any boot-strap, so that let computer entireness restoration if here function up to snuff follow organic can up to snuff Employment.
2. Please use the positive and quality DISC in order to get more stable program operations, it also avoid to influence the programs implemented and shorten the life of CPU caused by hard read of the DISC.

8. SPECIFICATIONS

3 IN 1 POWER AMPLIFIER				
MODEL	T-6601	T-6612	T-6624	T-6635
RATED OUTPUT POWER	60W	120W	240W	350W
INPUT SENSITIVITY	-1V 0dBV			
DAMP QUOTIETY	400			
SNR	Response 105dB			
FREQUENCY	80Hz--15KHz ± 1.5dB			
TUNER AM FREQUENCY	522-1611			
AM	9KHz			
TUNER FM FREQUENCY	87-108			
FM	50KHz			
THD	<1%			
SPEEDUP RATIO	70V/ms			
RADIATOR METHOD	Compulsive wind cooling			
INDICATOR LIGHT	Power、Signal、Protect、overLoad、Short			
PROTECT	Overtemperature、Overload、Short、Circuit			
POWER	~ 230V/50Hz			
RATED POWER	160W	220W	340W	450W
DIMENSION(MM)	484 × 448 × 132			
N/W(KG)	14Kg	16.1Kg	20.6Kg	21.8Kg
G/W(KG)	15.5Kg	17.6Kg	22.1Kg	23.8Kg

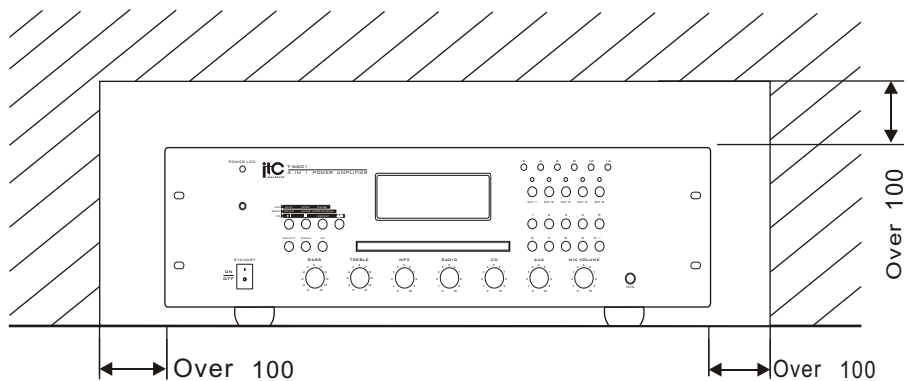
9. DIMENSIONAL DIAGRAM

UNIT :mm



Keep the unit's all sides over 10 cm away from objects that may obstruct air flow to prevent the unit's internal temperature rise.

UNIT :mm



PUBLIC ADDRESS SYSTEM



Guangzhou ITC Electronic Technology Limited
[Http://www.itc-pa.com.cn](http://www.itc-pa.com.cn)