TONE WINNER

YX-01P/S
User Manual

ISO9001 Certified Enterprise

YX-01P packing list (wireless version)

NO	Items	Quantity
1	AT-01B decoding amplifier (with wireless module)	1 pcs
2	AS-01F speakers	2 pcs
3	AS-01P wireless surround speakers	2 pcs
4	AS-01C center speaker	1 pcs
5	AS-01W subwoofer	1 pcs
6	Manual	1 pcs
7	Power cord	1 pcs
8	Quality Certificate	1 pcs
9	Remote control	1 pcs
10	Signal Cable	1 pcs
11	HDMI cable	1 pcs
12	Speaker wire 2.5m (subwoofer)	1 pcs
13	4-core signal wire 2.5m	2 pcs
14	Speaker wire 2.5m	1 pcs

YX-01S packing list (wire version)

NO	Items	Quantity
1	AT-01B decoding amplifier	1 pcs
2	AS-01F speakers	2 pcs
3	AS-01S surround speakers	2 pcs
4	AS-01C center speaker	1 pcs
5	AS-01W subwoofer	1 pcs
6	Manual	1 pcs
7	Power cord	1 pcs
8	Quality Certificate	1 pcs
9	Remote control	1 pcs
10	Signal Cable	1 pcs
11	HDMI cable	1 pcs
12	Speaker wire 2.5m (subwoofer)	1 pcs
13	4-core signal wire 2.5m	2 pcs
14	Speaker wire 2.5m	1 pcs

Pollution control labels and its content descriptions

This symbol indicates the product can be recyclable. The number 10 indicates the period of environmental protection. As long as you follow the safety and precautions related to this product, it will not cause environmental pollution or impact on human property within 10 years from the date of manufacture.

Name and content of toxic or hazardous substances or elements in the product

Part Name	Hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr)$^{6+}$	Polybrominated (PBB)	Biphenyls polyphenyls (PBDE)
Chassis enclosure	○	○	○	○	○	○
Electrical parts	×	○	○	○	○	○
Plastic structural parts	○	○	○	○	○	○
Metal structural parts	○	○	○	×	○	○
Cables	○	○	○	○	○	○
Transformer	○	○	○	○	○	○

Marks：
 "○" means the content of the hazardous toxic substance is lower than SJ/T11363-2006 standard required.
 "×" means in a homogeneous material of the component，the content of the hazardous toxic substance is higher than SJ/T11363-2006 standard required.
Note："×" as there are no substitutable substances under the existing technology

Thank you for using our acoustic products. We provide consumers with stable, reliable, endurable, and delightful acoustic technological achievements with the philosophy of "high quality, high taste, and high technology" as well as exquisite technique, classic circuit, novel technology, stable & first-class quality, and first-class service!

Contents:

Important protective measures for attention

1. Read the protective measures: read all warning messages about protection and operation in the instructions carefully before using the equipment.

2. Follow instructions: please follow the instructions and do not violate the instructions.

3. Place the product on where manufacturer recommends: to protect equipments overturning, do not use force to push or suddenly stop when moving.

4. Keep away from water and moisture: do not place equipment near water such as bathtub, basin, sink, washing machine, etc. Do not use equipment at high temperatures high humidity environment, such as a damp basement.

5. Cleaning: Do not use liquid or mist cleaners, please use dry cloth to clean. Turn off the machine and power off before clean the equipment.

6. Power supply: use the power supply according to indication. Should have reasonable wirings, to avoid damage, do no step. Pay special attention to power plugs, receptacles and connection wirings.

7. Ventilation: the chassis of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating, do not cover the equipment. Do not use the equipment on beds, sofas, carpets etc. Newspapers, tablecloths, curtains, and other objects may block venting holes. Do no put the equipment close to window curtains. If it is built-in installation, such as bookcase or rack, make sure enough venting. Keep a distance of 10cm (4") on left, right, top and rear sides. Equipment bracket or rear of top cover should have a distance of 10 cm (4 ") to rear panel or the wall, to keep venting space.

8. Heat - to keep products away from heat sources, such as heatsinks, stoves, objects that generate heat (including power amplifiers)

9. Prevent unknown objects or liquids - objects or liquids should be prevented from falling through the holes into the equipment, because it might contact current or live parts that might cause fire or electric shock. Do not place the equipment in rain or water splashing place, do not put into water containers, such as vases.

10. Please connect well all input/output wires before power on.

11. Thunder and lightning: unplug the power cable in thunder and lightning weather, it can effectively prevent lightning impulses to protect the equipment.

12. Protections: ① unplug the power supply when you do not use the manual for long period Plug. ② Good grounding can prevent the machine from being damaged.

13. Maintenance: do not open the equipment chassis to avoid electric shock.
Please send the machine to our local designated maintenance house if you meet below circumstances and need maintenance.
a) Unknown parts or liquid enter the machine.
b) The equipment was soaked.
c) Abnormal machine operation.
d) Machine falling or machine damage.

14. Battery: for environmental protection, do not discard the waste electricity optionally.

15. Disconnection device of main power supply: this machine use power plug and coupler as the disconnecting devices.
Power plug and coupler should be easily operated.

16. This product is only suitable for safe use in altitude below 2000M.

17. This product is only suitable for use in tropical climates.

Instructions Prior to Use

■ General matters

1. Please secure this device at the well-ventilated place with accessible space 10 cm in width at its two sides, and above and behind it.
2. Don't apply oil, chemical solvent, volatile oil, paint or pesticide to the equipment.
3. Don't place the equipment in moist environment with the temperature being as high as above 60□ or extremely low.
4. Please keep the equipment away from direct exposure to sunlight, strong magnetic field, high temperature and electrical devices which may cause interruption (computer at home, fax machine, etc.)
5. Please fixate the power socket when pulling out the power plug.
6. Don't open the shell of the equipment without permission to avoid electric shock. Please make contact TONE WINNER specially designated maintenance stations nearby for internal maintenance.
7. Use when it's guaranteed that the equipment is secured at a stable place with leveling surface and without vibrations, and no articles are allowed to be placed onto the equipment.
8. If no sound is heard, please turn off the power switch of system unit and turn on in 10 seconds.
9. In the operation of the machine, in case of any thunderstorms, please pull out the power plug.

■ Warning

The voltage used for the machine must be consistent with that in the specifications. We assume no responsibilities for fires or other accidents due to the use of voltage not within the scope as specified.
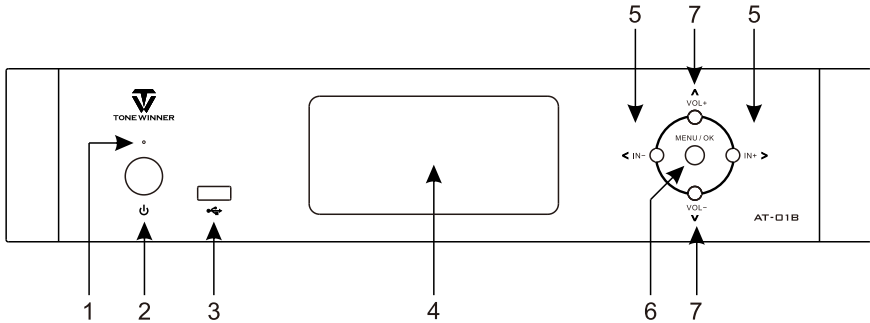
■ Remarks

Please pay attention that the disk played had better include audio files only when TF card or USB disk is used.
"My favorite" is applicable to TF card. Hold "MENU/OK" on the panel or " ▶❙ /OK" to add song when browsing song files.

AT-01B Front Panel Introduction

1. Standby Indicator:

   The indicator is red when the device is on standby.

   The indicator is blue when the device is working.

2. Power Key:

   Press this key to start the device from standby. Hold this key for
   about 2s to enter standby from working.

   Hold this key to switch page fro TF card, USB disk, Bluetooth, PC
   USB Audio, My Favorite, 3 pages will be displayed on TF card, USB
   disk, and My Favorite: Home, Play Status, File Browsing Status.

3. USB Disk Input Port:

   The USB port is used for both software update and USB disk play (if the
   USB-PC port is connected on the back panel, the USB disk input port
   on the front panel will be unavailable).

4. Display Screen:

   Display working condition and operating information.

5. IN-/ < IN+/ > Keys:

   Under home page display status, these keys are for audio source
   selection.

   Under other display status, these keys are for : previous, next, return
   to menu, next menu.

   Hold IN-/ < for fast backward, and IN+/ > for fast forward on TF card, USB
   disk, and My Favorite play statuses.

6. MENU/OK Key :

    At homepage display status, press the key to enter menu and hold
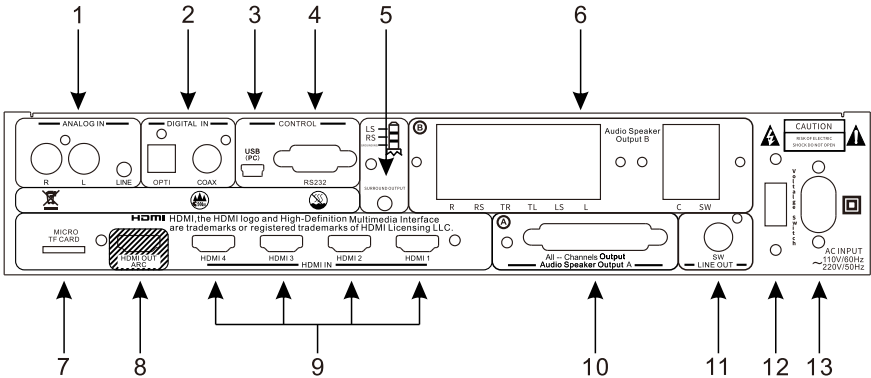   the key to mute or unmute.

   At other display status, these keys are for : OK, play, and pause.

7. VOL+/ ∧ VOL-/ ∨ key:

In menu interface and file browsing status, these keys are for moving up and down.

In other display status, these keys are for increase and decrease Volume.

AT-01B Back Panel Introduction

1. ANALOG IN (Analog Audio L/R Input):

It can be connected to the analog audio output of wired/satellite receiver, STB, VCR/DVR (digital video recorder), DVD, and other devices.

Including LINE 3.5 earphone plug line input interface. When input line is inserted, L/R input will be disabled.

2. DIGITAL IN Digital Audio Input:

One for coaxial input (COAX) and one for optical input (OPTI), it can be connected to CD and DVD player and other equipment with coaxial digital audio output interface.

3. USB PC Computer Audio Input Terminal (if USB PC port on the back panel is connected, panel USB disk input port will be disabled).

4. RS232 Port:

Remote control port.

5. Left/Right Surround Signal Output:

Surround audio signal output, which can be connected to wireless transmission equipment.

6. Audio Speaker Output B:

   5.1.2 Speaker output terminal, including right main, right surround,

   top right, top left, left surround, left main, center, bass. Please

   connect the output port to the corresponding speaker.

7. MICRO TF CARD:

   TF card input port.

8. HDMI OUT ARC(HDMI output terminal) :

   Connect to TV or projector with HDMI input interface, the port includes

   ARC function and is able to receive audio signal sent back from TV.

9. HDMI IN(HDMI Input) terminal:

   HDMI Input can be connected to equipment with HDMI output, such as

   DVD player, blue-ray player.

10. Audio Speaker Output A:

   Connect to Atmos speaker of the Company (AT-01S).

11. Bass output:

   Connect to subwoofer.

12. Power Input:

   Connect to the accompanying power cable. The other end should be

   connected to the proper outlet.

Remarks:

1. Audio Speaker Output A and B cannot be used at the same time.

2. The equipment includes Bluetooth module of model approval code CMIIT ID.

   2019DP2097.

AT-01B Nameplate Introduction

See the bottom of the amplifier for nameplate as shown in the following figure:

Name	Dolby Atmos HD Decoding Amplifier
Model	AT-01B
Power	~110V/60Hz 220V/50Hz
Maximum Power Consumption	350W
Implemented Standards	GB8898-2011 GB17625.1-2012 GB/T13837-2012
CMIIT ID:2019DP2097	
Guangzhou ToneWinner Electronics Co., Ltd.	

AT-01B Remote Control Introduction

1 — (power)

2 — RETURN

3 — MENU

4 — ▲

5 — ▶❙ OK

6 — − VOLUME +

7 — − SOURCE + — 7

8 — MUTE

RC506
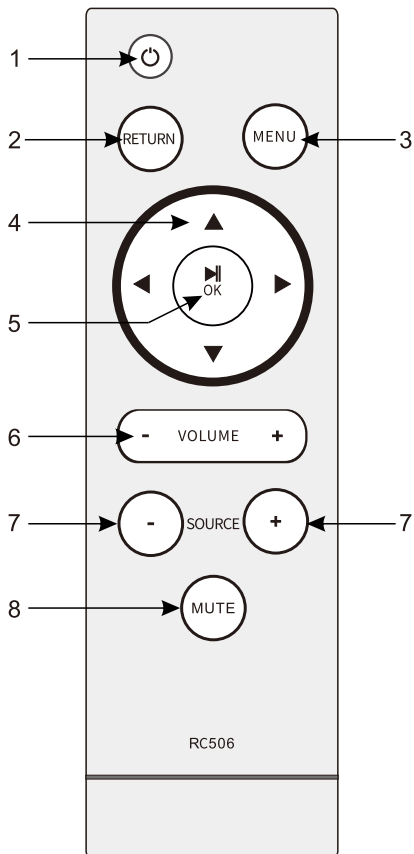
1. Power Key: power switch.
2. RETURN: in TF card, USB disk, Bluetooth, PC USB Audio, or My Favorite, press this key to switch page displayed. In other display status, it is return key.
3. MENU: Display the home interface.
4. " ▲▼◀▶ " : left and right keys are previous and next in TF card, USB disk, and My Favorite, hold left key for fast backward and hold right key for fast forward, up and down keys adjust sound volume.
   In menu interface, press up and down to choose submenu, right to enter the next submenu, and left to return.
5. " ▶❙ /OK key" : menu, OK, play, pause.
6. VOLUME: adjust sound volume. When muted, reducing the sound volume will not unmute, but increasing the sound volume will.
7. SOURCE: switch signal source.
8. MUTE: mute key.

Connection Schematic Diagram

TV, projector, hard disk player, blue-ray DVD, cable STB, game console, etc.

Speaker connected to YX-01P of the Company

TV, projector, hard disk player, blue-ray DVD, cable STB, game console, etc.

Active subwoofer

Connect to AT-01S Soundbar

TV projector, etc.
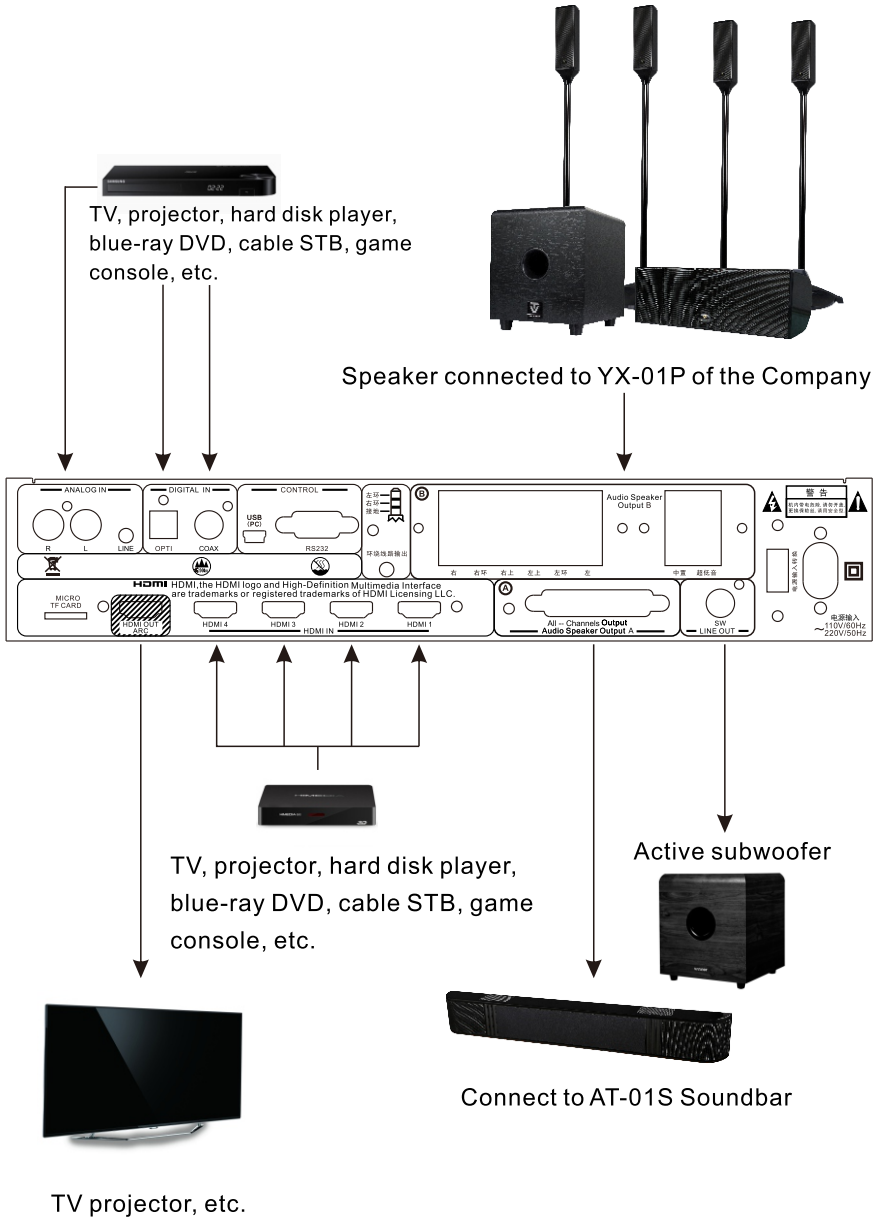
AT-01B Operating Instruction

Press MENU on the remote control to enter menu interface:

The top of the screen is the name of current menu. The left is main menu,

the middle is submenu, the right is rollbar, and the bottommost is help.

1. MENU→Input Selection→ TV(HDMI ARC)

                     HDMI 1

                     HDMI 2

                     HDMI 3

                     HDMI 4

                     Optical digital

                     Coaxial digital

                     Analog 1

                     Bluetooth

                     TF card

                     USB disk

                     PC USB Audio

                     My Favorite

Select the corresponding signal input source based on the demand

(as shown in the figure)
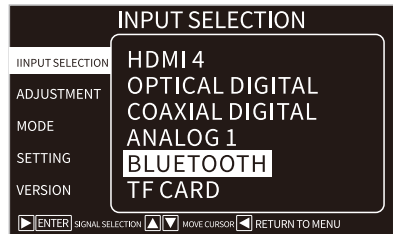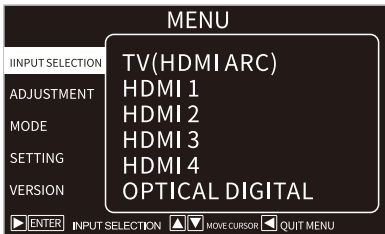
2. MENU→parameter adjustment→main sound channel volume→volume

    parameter adjustment

                         Center volume→volume parameter adjustment

                         Surround volume→volume parameter adjustment

                         Sky volume→volume parameter adjustment

                         Super bass volume→volume parameter adjustment

DRC→AUTO (bass dynamic compression) ON/OFF

DTS:X Dialog Enhancer-0-6

Speaker selection→bar-shaped speaker AT-01S

　　　　　　　Satellite speaker AS-01S

　　　　　　　Satellite speaker MS-02S

　　　　　　　Other 5.1.2 speakers

Speaker test→front left channel→parameter adjustment

　　　　　　　Center channel→parameter adjustment

　　　　　　　Front right channel→parameter adjustment

　　　　　　　Right surround channel→parameter adjustment

　　　　　　　Left surround channel→parameter adjustment

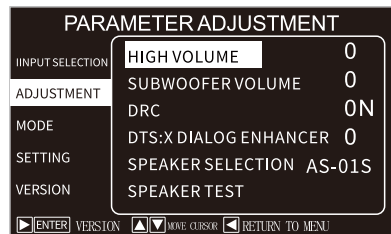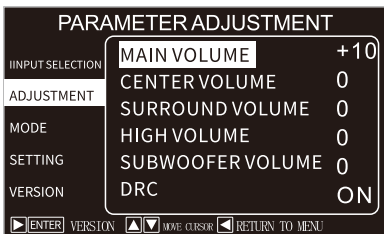　　　　　　　Super bass channel→parameter adjustment

　　　　　　　Front top left channel→parameter adjustment

　　　　　　　Front top right channel→parameter adjustment

Remarks: 1. The range of volume of each channel is -10-10dB

　　　　　　　(as shown in the figure)

　　　　　　2. DTS: X dialog enhancer is only available in the proper film source

PARAMETER ADJUSTMENT	
IINPUT SELECTION	MAIN VOLUME　　　+10
ADJUSTMENT	CENTER VOLUME　　0
MODE	SURROUND VOLUME　0
SETTING	HIGH VOLUME　　　0
VERSION	SUBWOOFER VOLUME 0
	DRC　　　　　　　ON
▶ENTER VERSION ▲▼MOVE CURSOR ◀RETURN TO MENU	

PARAMETER ADJUSTMENT	
IINPUT SELECTION	HIGH VOLUME　　　　0
ADJUSTMENT	SUBWOOFER VOLUME　0
MODE	DRC　　　　　　　ON
SETTING	DTS:X DIALOG ENHANCER 0
VERSION	SPEAKER SELECTION AS-01S
	SPEAKER TEST
▶ENTER VERSION ▲▼MOVE CURSOR ◀RETURN TO MENU	

3. MENU→mode selection→pure music mode (signal pass-through)

　　　　　　　　　　Music mode (Stereo)

　　　　　　　　　　Film mode (sound field expansion enabled)
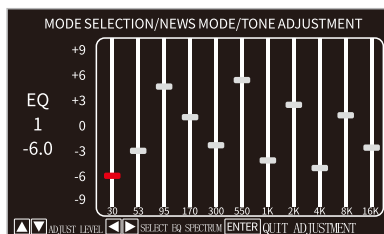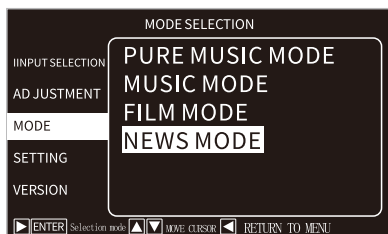
　　　　　　　　　　News mode (thick human voice representation

　　　　　　　　　　emphasized)

Sound field expansion→ON/OFF

Tone adjustment→EQ adjustment (11 sections of EQ in total for adjustment
between -9 and 9) (as shown in the figure)

Double channel signal→multi-channel output/double channel output

MODE SELECTION

IINPUT SELECTION
AD JUSTMENT
MODE
SETTING
VERSION

PURE MUSIC MODE
MUSIC MODE
FILM MODE
NEWS MODE

▶ ENTER Selection mode ▲▼ MOVE CURSOR ◀ RETURN TO MENU

MODE SELECTION/NEWS MODE/TONE ADJUSTMENT
+9
+6
EQ +3
1 0
-6.0 -3
-6
-9
30 53 95 170 300 550 1K 2K 4K 8K 16K
▲▼ ADJUST LEVEL ◀▶ SELECT EQ SPECTRUM ENTER QUIT ADJUSTMENT

The figure is the schematic diagram of EQ

4. MENU→functional setting→language→Chinese/English
Screen brightness→parameter adjustment (between 1 and 10)
AOD time→parameter adjustment (between 10s and 10min or constantly on)
CEC power control→switch (unified control between HDMI equipment and
connected power supply)
CEC signal source control→switch (auto-switch player that is playing)
HDMI standby pass-through→switch (video can be directly output to TV
when the amplifier is on standby)
Startup volume→parameter adjustment (between 20 and 60dB, or deploy
memory volume)
Maximum volume→parameter adjustment (between 20 and 60dB)
Startup signal source→TV (HDMI ARC)
                      HDMI 1
                      HDMI 2
                      HDMI 3
                      HDMI 4
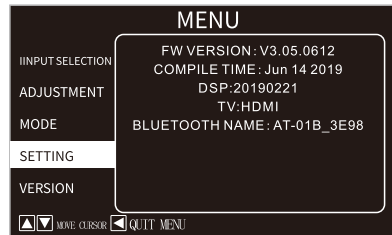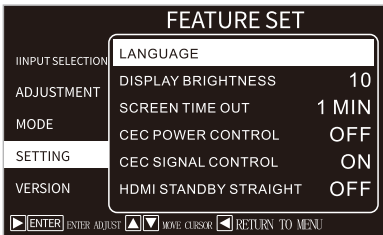   Optical digital
                      Coaxial digital
                      Analog 1
                      Bluetooth
                      TF card
                      USBdisk
                      PC USB Audio
                      My Favorite
                      Last

No-signal standby→parameter adjustment (between 1min and 60min or disable auto-switch of standby time. If disabled, the equipment will be starting.)

Factory default-OK/Cancel

Remarks: (1) CEC: control between HDMI connected devices. (2) after factory default, all customized settings will be reset to state as delivered (as shown in the figure).

<div style="border:1px solid black; padding:10px;">

FEATURE SET

IINPUT SELECTION	LANGUAGE	
ADJUSTMENT	DISPLAY BRIGHTNESS	10
MODE	SCREEN TIME OUT	1 MIN
SETTING	CEC POWER CONTROL	OFF
VERSION	CEC SIGNAL CONTROL	ON
	HDMI STANDBY STRAIGHT	OFF

▶ ENTER ENTER ADJUST ▲▼ MOVE CURSOR ◀ RETURN TO MENU

</div>

<div style="border:1px solid black; padding:10px;">

MENU

IINPUT SELECTION	FW VERSION : V3.05.0612
ADJUSTMENT	COMPILE TIME : Jun 14 2019
MODE	DSP:20190221
SETTING	TV:HDMI
VERSION	BLUETOOTH NAME : AT-01B_3E98

▲▼ MOVE CURSOR ◀ QUIT MENU

</div>

5. MENU→version→firmware version: display the latest firmware version

Compilation time: display the current version compilation time

DSP: DSP software version

TV: display current status of connection to TV

Bluetooth name: display current equipment name (as shown in the figure)

Loudspeaker System Operating Instruction

1. Pre-operating Instruction

The loudspeaker system (hereinafter referred to as the speaker) has gone through strict inspection and test before leaving the factory. Please do not disassemble it at your discretion.

2. Cleaning Advise

Please make sure the speaker is not under working conditions before cleaning. During cleaning, please gently rub it with soft and wet tissue. Please do not use chemical solvent for cleaning.

3. Installation Instruction

1) Please do not block the inverter tube of the speaker.

2) Avoid obstruction between the speaker and the location of listening.

3) Please do not place the speaker near heat source (such as electric heating mantle, heater, stove)

or other heating instrument (including magnifier).

4) Do turn the amplifier off before pulling the plug.

5) Make sure there is no short circuit when the equipment is wired, after wiring, please check it again before use. Otherwise, the speaker or the amplifier might be broken.

6) When the speaker is connected to the amplifier, pay attention that the positive pole and the negative pole must match. Reverse connection will cause reduced tone quality or inaccurate locating.

7) When the speaker is connected to the amplifier, please connect the corresponding speaker in accordance with the signs on the back panel of the amplifier. Do not randomly change or switch position, otherwise, there might be chaotic acoustic image, inaccurate locating, or unclear tone, etc.

8) The super bass signal line must be separated from strong current. Fine textures with shielding layer should be selected to avoid signal attenuation or intervention introduction that causes the speaker volume reduction or noise, etc.

4. Main Parameters
See the nameplate of the speaker for detail.

5. The speaker is neither waterproof nor corrosion resistant. Do not put any liquid containing object on any position of the speaker to prevent liquid which might result in broken speaker or electrocution.

6. Winding of power cable or signal line or stomping should be prevented near the plug, outlet, or port of electrical appliance to make sure the equipment can work normally.

Specification

Product Model: AT-01B
Maximum Power: 350W
Output Power: 7x22W/8Ω+ SW: 70W/2Ω
Frequency: 20Hz-120Hz (SW) 120Hz-20kHz (normal)
Supply Voltage: ~110V/220V (50Hz-60Hz)
Size: 330x264x72mm
Net Weight: 2.6kg

Product Model: AS-01C
Power: 10-40W
Frequency: 120Hz-20kHz
Impedance:8Ω
Unit: 3"x2
Size: 222x112x79mm
Net Weight: 1.2kg

Product Model: AS-01F/AS-01P
Power: 10-40W   10-30W (top)
Frequency: 120Hz-20kHz 250Hz-20kHz (top)
Impedance: 8Ω
Unit:2.25"x1+3"x2
Size: 313x313x1146mm
Net Weight: 3.6Kg/3.8Kg

Product Model: AS-01S
Power: 10-40W
Frequency: 120Hz-20kHz
Impedance: 8Ω
Unit:3"x2
Size: 313x313x1086mm
Net Weight: 3.3Kg

Product Model: AS-01W
Power: 10-100W
Frequency: 50Hz-4kHz
Impedance: 2Ω
Unit: 8"x1
Size: 260x310x310mm
Net Weight: 6Kg

Safety Protection Class: Class II Equipment

1. Please read the manual and safety precautions carefully before use.
2. The product should be mounted somewhere ventilated and dry for
the convenience of heat dissipation to avoid moisture and lampblack.
3. The product belongs to class II of safety protection. Upon installation,
the power plug should be connected to AD 110-220V and 50Hz-60Hz grid.
4. Do not remove the cover during use to prevent electrocution.
5. Do not frequently turn it on and off. Wait a few minutes before turning
it on again.
6. When the equipment fails, the plant implements "repair, replacement
or compensation of faulty product". The user should send it to the
designated manufacturer or maintenance department for maintenance
or our plant for repair. To avoid accident, do not open the rear cover for
inspection or repair.
7. The plugs, power lines, fuses, power switch, and transformer used on
the equipment are all safety parts. Upon change of safety parts, the
maintenance department should replace them in accordance with the
model, specification, and designated manufacturer element specified
on the drawing provided by our plant.

The specification of the product may be subject to change without further notice.

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