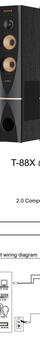
SHENZHEN FENDA TECHNOLOGY CO.,LTD.
ADD: Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China
Tel: +86-755-29884888-8888 Fax: +86-755-27977777 P.C.: 518108

F&D
Since 1993



T-88X *User Manual*

2.0 Computer Multimedia Speaker

Caution

- Do not place the system in the high-temp and humid environment, prevent it from raining or rough handling and strong shock.
- In order to avoid electric shock and other accidents, do not open the back panel cover for repair without professional guidance.
- In case foreign matter or other liquids is accidentally sprinkled inside the system, please switch off the power immediately.
- In case of repair,Please come to the professional maintenance for help.
- Switch off the power and take off the plug from the power jack when the system is not on work.
- Keep it safe from water drops or splashing water, and no liquid container allowed to be put on its top side.
- Keep the cabinet vent for from the wall by 20mm at least and the air vent should not be blocked.

Packaging content

- ① Speaker: 1pcs
- ② 3.5mm to RCA cable: 1pc
- ③ 3.5mm to RCA cable: 1pc
- ④ Remote control: 1pc
- ⑤ Operation manual: 1pc
- ⑥ Connection cable: 1pc
- ⑦ Power cable: 1pc

Product wiring diagram

Panel key controls

Panel instruction

1.Standby button
2.Source button
3.Play/Pause/FM autosearch button
Bluetooth button
4.Volume decrease button
5.Volume increase button

A.Standby：Turn on/off unit
B. Source: Switch among BT/OPTICAL/USB/AUX/HDMI (ARC)/Coaxial/FM mode.
C. Play/Pause/SCAN **(**:
a. USB Mode: Short press for play/pause the music play back.
b. FM Mode: Long press to start Auto Search & this will store the found frequencies (channels) automatically.
c. Bluetooth mode:short press to play/pause music.
d. Long press to enter into pairing mode and display will flash fast
D. **b/Bass**
a. USB mode: Short press to decrease volume level. Long press to select previous song.
b. FM mode: Short press to decrease volume. Long press to select previous stored station.
c. Bluetooth mode: Short press to decrease volume and long press to select previous song.
E. **MODE**
a. USB mode: Short press to increase volume and long press to select next song.
b. FM mode: Short press to increase volume. Long press to select next stored station.
c. Bluetooth mode: Short press to increase volume and long press to select next song.

Remote control

Remote control keys function
A. ⏻: turn on/off unit.
B. Source：Switch among BT/OPTICAL/AUX/USB/HDMI (ARC)/Coaxial and FM mode.
C. **🔇**: Short press to mute or unmute the sound Long press to go to default settings.
D. **VOL**: Increase or decrease master volume.
E. Play/Pause: **⏯**
a. USB Mode: Short press for play/pause the music play back.
b. Bluetooth mode:short press to play/pause music.
F. **⏮**
a. USB mode: Short press to select previous song and long press to select previous folder.
b. FM mode: Short press to select previous stored station.
c. Bluetooth mode: short press to select previous song.
G. **⏭**:
a. USB mode: Short press to select next song and long press to select next folder.
b. FM mode: Short press to select next stored station.
c. Bluetooth mode: short press to select next song.
H. Treble control: The treble control is in the remote control mode.Short press treble button to adjust treble level
I. Bass：Short press Bass button to enter into bass adjustment mode.short press volume button to adjust bass level
J. Sound:MEM:
FM mode：Long press to start Auto Search & this will store the found frequencies (channels) automatically. Short press of this key work to store tuned station through Fine or Manual tuning.
K. Mode：Short press to turn on/off movie mode
L. Enter: confirm selection and return to main screen.

Remote control

Remote control keys

A. ⏻: Turn on/off unit.
B. Source：Switch among BT/OPTICAL/AUX/USB/HDMI (ARC)/Coaxial and FM mode.
C. **🔇**: Short press to mute or unmute the sound Long press to go to default settings.
D. **VOL**: Increase or decrease master volume.
E. Play/Pause: **⏯**
a. USB Mode: Short press for play/pause the music play back.
b. Bluetooth mode:short press to play/pause music.
F. **⏮**
a. USB mode: Short press to select previous song and long press to select previous folder.
b. FM mode: Short press to select previous stored station.
c. Bluetooth mode: short press to select previous song.
G. **⏭**:
a. USB mode: Short press to select next song and long press to select next folder.
b. FM mode: Short press to select next stored station.
c. Bluetooth mode: short press to select next song.
H. Treble control: The treble control is in the remote control mode.Short press treble button to adjust treble level
I. Bass：Short press Bass button to enter into bass adjustment mode.short press volume button to adjust bass level
J. Sound:MEM:
FM mode：Long press to start Auto Search & this will store the found frequencies (channels) automatically. Short press of this key work to store tuned station through Fine or Manual tuning.
K. Mode：Short press to turn on/off movie mode
L. Enter: confirm selection and return to main screen.

Remote control

M：0-9 number keys:
1. USB source: directly press numeric keys through remote to select your favorite song if you know the song number in the folder.The system will automatically play the song. For example,if you press number excess of song number of that folder
2. FM source: directly press numeric keys through remote to select your favorite station if you know the station number (1~100). Or press 3 or 4 digits of frequency to play that station, for example, 1026 for 102.6 MHz station.

N: MIC ON/OFF：Short press to turn on/off microphone
O: MIC volume+/- Short press to increase/decrease microphone volume
P: ECHO +/- Short press to increase/ decrease ECHO volume

Operation guidance

Playback via Bluetooth

Basic Requirement

1. Bluetooth must be activated on the mobile and device which you want to connect with F&D T-88X
2. The mobile and device must support Bluetooth A2DP
3. The mobile and device must be within range of the F&D T-88X(max.10m)

Steps need to be followed

1. Turn on F&D
2. Set speakers on the display
3. You now have 30 seconds to register your mobile and device
4. Start the search on your mobile and device
5. If the mobile device requires an access code, please enter 0000
6. Once confirmed, the connection will be done automatically and F&D will appear in the display

Please note:

1. the device most recently connected to the F&D System connects automatically when Bluetooth is activated and no pin Bluetooth pairing is required.
2. Start the playback of a medium on your mobile and device and the sound will automatically be generated by the F&D System.

USB mode：

1. Plug in USB driver
2. Card reader supporting max 32GB as well as MP3/WMA dual formats decoding
3. Play music (refer to remote control function)

AUX mode：

1. Short press to switch audio source to AUX mode. Connect the speaker with audio source through signal cable (output interface of devices as TV, PC, Mobile phones, etc).
2. Adjust volume while playing music.

HDMI mode：

Short press Source to select HDMI mode.

1. Connect TV with HDMI(ARC) port through HDMI signal cable on the rear of the speaker.
2. Please make sure to set "HDMI(ARC) mode" as digital output on your devices.
3. Adjust volume while playing music.

Optical and Coaxial mode：

Short press Source to select Optical or Coaxial mode.

1. Connect TV with optical or Coaxial port on the rear of the speaker through optical or Coaxial cable.
2. Please make sure to set "PCM mode" as digital output on your devices such as Blue-ray DVD, TV and Video player, etc. Below as example.
3. Adjust volume while playing music.

Tips:
Please make sure that TV supports HDMI(ARC) and optical function.

Specifications

Output power (RMS):200W+100W*2

Speaker Unit：
Tweeter: 1"
Full-range speaker: 5.25"
Subwoofer: 10"

Frequency response: 30Hz-20KHz

S/N Ratio: ≥70dB

Separation: ≥45dB

Power: 100-240V~50/60Hz 1A

Dimension: W19810D19H20MM

Safety Instruction for CB and CE LVD

1. Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers,table cloths,curtains, etc.
2. WARNING：To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
3. WARNING：The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

⚠ Caution: Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

1. Frequency: 2.402GHz-2.480GHz
2. RF Max. output power: 10 dBm
3. Off mode: ≤0.5W
Standby mode: ≤0.5W
Network standby mode：≤2.0W
Product turned into standby mode automatically in 15 min when it is not playing main function.

Troubleshooting

Problem	Possible Cause	Solution
F&D system does not turn on	Power cable not connected to the power outlet and/or F&D System	Check connection
Sound reproduction too soft	Volume of F&D System set too low	Increase the volume by using the "Volume" control. Increase volume of the source device
F&D System does not respond to remote control	The battery is empty	Replace battery. Replace limited polarity of inserting
No sound reproduction	Source device not producing any signal	Digital output on the source device must be activated (please refer to device instructions)
	Cable not correctly connected/faulty cable	Check the connection between the source and the F&D System and replace cable if necessary
	distance is far from device in Bluetooth mode	put your Bluetooth device close to the speaker
	Bluetooth device not connected successfully	please restart the speaker and try again
No sound output under optical mode	optical cable not correct/ well or damaged	not bend optical cable over 50 degree

WARRANTY CARD

END-USER'S COPY
WARRANTY REGISTRATION CERTIFICATE

Mr./Mrs/Ms First Name: _____

Last Name: _____

Address: _____

Contact No.: _____

Product Name: _____

Model No.: _____

Serial No.: _____

Date Purchased: _____

Invoice No.: _____

Retail Outlet Where Purchased: _____

(Please print the name & address)

SECTION 1

WARRANTY TERMS & CONDITIONS

The warranty will be effective only if the warranty card is completed and returned to the company within 14 days from the date of purchase.We guarantee the provision of free services of F.&D Authorized Dealer for the repair of defects arising from normal usage of the Authorized Dealer. The period and conditions of our warranty service are as follow:

1. Repair services will be provided for defects arising from normal usage for the following period, commencing from the date of purchase from our F.&D Authorized Dealer.(Parts would be provided when necessary)
A. Parts ..... 1 year
B. Technical service free ..... 1 year
2. Under the following circumstances, service and parts will be chargeable even within the warranty period:
A、Failure to present the warranty card and receipt when servicing is required.
B、Failure to provide not clearly shown or alterations made against the actual information.
For e.g., Alteration of the date of purchase, serial number, Shop Stamp etc.
C、This unit being tampered with, altered in any way by any unauthorized technicians or which has been subjected to misuse, abuse, improper wiring, improper installation, mold cover damage resulting in transit by or from the customer.
D、The defect is caused by the attack of household pests, fire , lighting , natural disasters, pollution,abnormal voltage or the usage of generator.

Shenzhen Fenda Technology Co., Ltd.
ADD: Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong,China
P.C.：518108 Http://www.fenda.com

WARRANTY CARD

DISTRIBUTOR'S COPY
WARRANTY REGISTRATION CERTIFICATE

Mr./Mrs/Ms First Name: _____

Last Name: _____

Address: _____

Contact No.: _____

Product Name: _____

Model No.: _____

Serial No.: _____

Date Purchased: _____

Invoice No.: _____

Retail Outlet Where Purchased: _____

(Please print the name & address)

SECTION 2

WARRANTY TERMS & CONDITIONS

The warranty will be effective only if the warranty card is completed and returned to the company within 14 days from the date of purchase.We guarantee the provision of free services of F.&D Authorized Dealer for the repair of defects arising from normal usage of the Authorized Dealer. The period and conditions of our warranty service are as follow:

1. Repair services will be provided for defects arising from normal usage for the following period, commencing from the date of purchase from our F.&D Authorized Dealer.(Parts would be provided when necessary)
A. Parts ..... 1 year
B. Technical service free ..... 1 year
2. Under the following circumstances, service and parts will be chargeable even within the warranty period:
A、Failure to present the warranty card and receipt when servicing is required.
B、Failure to provide not clearly shown or alterations made against the actual information.
For e.g., Alteration of the date of purchase, serial number, Shop Stamp etc.
C、This unit being tampered with, altered in any way by any unauthorized technicians or which has been subjected to misuse, abuse, improper wiring, improper installation, mold cover damage resulting in transit by or from the customer.
D、The defect is caused by the attack of household pests, fire , lighting , natural disasters, pollution,abnormal voltage or the usage of generator.

Shenzhen Fenda Technology Co., Ltd.
ADD: Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong,China
P.C.：518108 Http://www.fenda.com