

J-280BT



INSTRUCTION MANUAL



WARNING!



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER ON THIS SPEAKER. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO A QUALIFIED TECHNICIAN

To prevent fire or electric shock, do not expose this equipment to rain or moisture. Do not store or operate this product near any liquids, heat sources such as radiators, heat registers or under extreme weather conditions. Clean only with a dry cloth. Users should exhibit extra safety when the WARNING or CAUTION symbol appears in this instruction manual and follow all precautions as they are stated.



¡ADVERTENCIA!



PARA REDUCIR EL RIESGO DE DESCARGA ELÉCTRICA, NO quite la cubierta de este altavoz. No hay partes reparables por el usuario adentro. Remitir todo servicio a un técnico calificado

Para evitar incendios o descargas eléctricas, no exponga este equipo a la lluvia ni a la humedad. No almacene ni opere este producto cerca de líquidos, fuentes de calor como radiadores, registros de calor o bajo condiciones climáticas extremas. Limpiar solamente con un paño seco. Los usuarios deben mostrar una seguridad adicional cuando aparece el símbolo de ADVERTENCIA o PRECAUCIÓN en este manual de instrucciones y seguir todas las precauciones tal como se indican.



AVERTISSEMENT !



POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE, NE RETIREZ PAS LE CAPOT DE CET ENCEINTE. IL N'Y A AUCUNE PARTIE RÉPARABLE PAR L'UTILISATEUR À L'INTÉRIEUR. CONFIEZ TOUTE RÉPARATION À UN TECHNICIEN QUALIFIÉ.

Pour éviter les incendies ou les chocs électriques, n'exposez pas cet appareil à la pluie ou à l'humidité. Ne stockez ni n'utilisez ce produit à proximité de liquides, de sources de chaleur comme des radiateurs, des registres de chaleur ou dans des conditions climatiques extrêmes. Nettoyez uniquement avec un chiffon sec. Les utilisateurs doivent faire preuve de prudence lorsqu'ils voient le symbole d'AVERTISSEMENT ou de PRÉCAUTION dans ce manuel d'instructions et suivre toutes les précautions telles qu'indiquées.

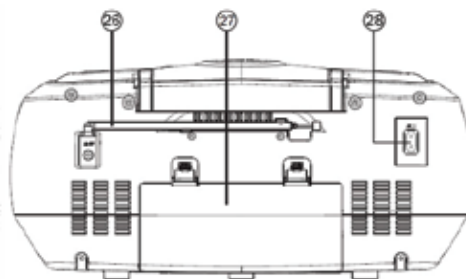
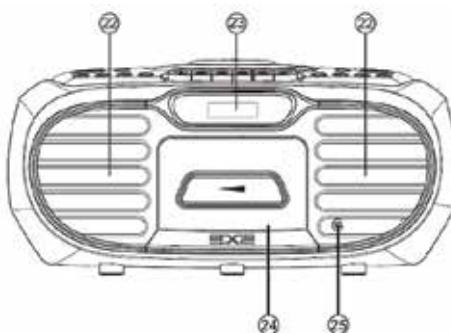
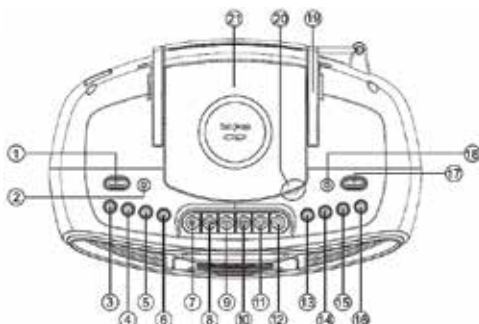


This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

FCC ID: 2AMLVJ-22037

Functions

1	POWER/SOURCE	15	VOLUME - BUTTON
2	HEADPHONE JACK	16	VOLUME + BUTTON
3	REPEAT BUTTON	17	USB SOCKET
4	PROGRAM / FOLDER + BUTTON	18	AUX IN JACK
5	SKIP ⏮	19	CARRYING HANDLE
6	SKIP ⏭	20	CD DOOR ACCESS POINT
7	CASSETTE PAUSE ⏸ BUTTON	21	CD COMPARTMENT
8	CASSETTE STOP/EJECT ■▲ BUTTON	22	SPEAKERS
9	CASSETTE F FORWARD ⏩ BUTTON	23	LCD DISPLAY
10	CASSETTE REWIND ⏮ BUTTON	24	CASSETTE HOLDER
11	CASSETTE PLAY ■ BUTTON	25	MICROPHONE
12	CASSETTE RECORD ■ BUTTON	26	FM TELESCOPIC ANTENNA
13	CD STOP	27	BATTERY COMPARTMENT
14	PAIR / PLAY/PAUSE ⏮⏭ BUTTON	28	AC SOCKET



Remote Functions

- POWER:** Press to power on/off
- MUTE:** Press to activate mute function
- BLUETOOTH:** Press to connect or disconnect Bluetooth function
- USB:** Press to switch to USB modes
- TAPE:** Press to switch to Tape modes
- AUX/FM/CD:** Press to switch mode
- PROG:** Press to active memorize function
- REPEAT:** Press to active repeat play function
- EQ:** Press to adjust sound effects
- STOP:** Press to stop playing
- ⏮:** Press for previous track or fast reverse
- ⏭:** Press for next track or fast forward
- VOL-:** Press to decrease volume
- VOL+:** Press to increase volume
- ⏮⏭:** Press to start playback, stop playback, disconnect Bluetooth and reconnect Bluetooth
- FOLDER+/-:** Press to File Skip / FM Tuning
- 1-10/10+:** Direct CD Track Selection
- RANDOM:** Shuffle Play



POWER SOURCE

The J-280BT operates using standard AC 110/220V household power or 6 x "C" size (UM-2) batteries (Not included).

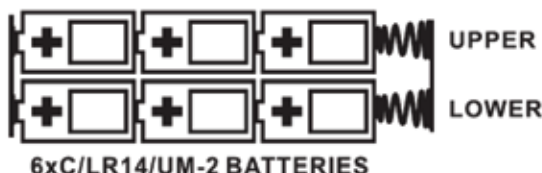
BATTERY OPERATION

NOTES:

Disconnect the AC power cord.

For best performance and longer operating time, we recommend the use of alkaline batteries.

1. Remove the Battery Door on the back of the unit.
2. Following the polarity diagram shown in the BATTERY COMPARTMENT (#27) to insert 6 X "C" size (UM-2) batteries and close the door.



BATTERY WARNING

1. Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.
2. Use only the size and type of batteries specified.
3. Only use good quality/name brand batteries.
4. Do not mix old and new batteries.
5. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
6. If the unit is not to be used for an extended period of time, remove the batteries. Old or leaking batteries can cause damage to the unit and may void the warranty.
7. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions).
8. Do not dispose of batteries in fire, batteries may leak or explode.

AC POWER CONNECTION

1. Insert one end of power cord to the AC SOCKET (#28) at the back of the J-280BT
2. Connect the power cord to AC power source.
3. When the unit is operated from AC power source, the internal battery source will automatically be disconnected

RADIO OPERATION

Listening to the radio:

1. Press the **POWER BUTTON (#1)** to turn the unit on.
2. If you repeatedly tap the **FUNCTION BUTTON (#17)**, you will step through the different modes available: **CD -> FM Radio -> AM Radio -> Bluetooth (bt) -> AUX -> Cassette (CASS)**
3. Tap the **FUNCTION BUTTON (#17)** repeatedly to select either **FM or AM Radio mode**.
4. The **FM or AM frequency** will show on the **LCD display (#23)**.
5. **Manual Tuning:** Repeatedly tap the **SKIP ◀◀ BUTTON (#5)** or **SKIP ▶▶ BUTTON (#6)** to manually adjust the frequency.
6. **Automatic Tuning:** Press the **SKIP ◀◀ BUTTON (#5)** or **SKIP ▶▶ BUTTON (#6)** to automatically tune to the previous or next available station.
7. Tap the **VOL - / + BUTTONS (#15 / #16)** to obtain the desired volume level.
8. Press the **POWER BUTTON (#1)** to turn the radio off.

Notes:

- Use **Manual Tuning** to select weaker stations that might be skipped during **Automatic Tuning**.
- If the **Automatic Tuning** does not stop on the exact frequency of the station, for example, it stops on 88.9 MHz instead of 88.8 MHz, use the manual tuning method to "fine tune" to the exact frequency of the desired station.

Manual Preset Radio Stations

You can store up to total of 30 FM and 30 AM radio stations in the memory.

1. Set to **FM or AM mode**
2. Tune to the desired radio station by "**MANUAL**" or "**AUTO**" tuning method.
3. Press the **PROGRAM BUTTON (#4)** until "**P**" shows on the **LCD DISPLAY (#23)** and flashing.
4. Tap the **SKIP ◀◀ BUTTON (#5)** or **SKIP ▶▶ BUTTON (#6)** repeatedly to select a preset number.
5. Tap the **PROGRAM BUTTON (#4)** again to confirm the preset.
6. Repeat step 2 to 5 to store other stations if necessary.

Auto Preset Radio Stations

1. During radio mode (**AM or FM**), press and hold the **PLAY/PAUSE ▶◀ button (#14)**, the unit will automatically scan the radio frequency. When the clear signal is found, it will automatically store the radio station starting from program number **P01**.
2. The number of stations that can be found and stored is dependent on the reception of different area and countries

Recalling the Preset Stations

In **FM or AM radio mode**, tap the **PROGRAM BUTTON (#4)**. The preset number will show on the **LCD DISPLAY (#23)**. Tap the **SKIP ◀◀ BUTTON (#5)** or **SKIP ▶▶ BUTTON (#6)** repeatedly to select the preset station.

NOTE:

You can overwrite a present station by storing another frequency in its place.

TIPS FOR BEST RADIO RECEPTION

AM - The AM antenna is built inside the radio. If AM reception is weak, change the position of the unit until the internal antenna picks up the strongest signal.

FM - If FM reception is weak, fully extend the FM ANTENNA (#26) and vary the position and location of the antenna until you find the strongest signal.

CD OPERATION**PLEASE READ THIS IMPORTANT INFORMATION:**

CD mechanisms used in devices like this are designed to fully read all commercial CDs. They will also read self-compiled CD-R/CD-RW discs but it may take up to 10 seconds for playback to start. If playback does not start, it is likely due to the quality of the CD-R/RW disc and/or the compatibility of the CD compilation software. Manufacturer is not responsible for the playback quality of CD-R/RW discs.

Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

FOR WINDOWS USERS:

When using the "Burn a CD" feature to create an MP3 CD in Windows, you must select the "With a CD/DVD player" option when it asks "How do you want to use the disc?" The MP3 CD will not play on this unit if you select the "Like a USB flash drive" option or if the MP3 CD is not finalized

PLAYING A COMMERCIAL CD

1. Press the **POWER BUTTON** (#1) to turn on the unit.
2. Tap the **FUNCTION BUTTON** (#7) repeatedly to select CD mode.
3. Open the CD door, load a CD with the label side facing upward and close the CD door.
4. The CD will spin and start reading the disc information. When finished, the **LCD DISPLAY** (#23) will show the total number of tracks on the CD.
5. Press the **CD PLAY/PAUSE** ►|| **BUTTON** (#14) to start playing the CD. The current track number and time will show on the **LCD DISPLAY** (#23) alternately.
6. While playing, press the **PLAY/PAUSE** ►|| **BUTTON** (#14) to pause playback. The current track time will blink on the **LCD DISPLAY** (#23). Press the **PLAY/PAUSE** ►|| **BUTTON** (#14) again to resume playing.
7. Tap the **VOLUME +/-** **BUTTONS** (#15/16) repeatedly to the desired volume level.
8. Press the **CD STOP** ■ **BUTTON** (#13) to stop playing.
9. To turn off the unit, Press and hold the **POWER BUTTON** (#1) for 2 seconds.

REPEAT MODE PLAYING A COMMERCIAL CD**REPEAT 1:**

When you first start playing a CD, press the **REPEAT BUTTON** (#3) once. The **REPEAT** icon will show on the **LCD DISPLAY** (#23). The current track playing will now repeat continuously until you stop playback or change the mode.

REPEAT ALL:

Press the **REPEAT BUTTON** (#3) again. The **REPEAT ALL** icon appears on the **LCD DISPLAY** (#23). All tracks on the CD will play in order and will repeat continuously until you stop playback or change the mode.

RANDOM PLAY:

Press the REPEAT BUTTON (#3) again. The RANDOM icon will show on the LCD DISPLAY (#23). All tracks on the CD will play in random order until you stop playback or change the mode.

CANCELLING THE REPEAT MODES:

Press the REPEAT BUTTON (#3) again or until all the icons on the LCD DISPLAY (#23) turn off.

PLAYING A CD MP3

1. Press the POWER BUTTON (#1) to turn on the unit.
2. Tap the FUNCTION BUTTON (#17) repeatedly to select CD mode.
3. Open the CD DOOR and load an CD MP3 with the label or print side facing upward and close the CD door.
4. The CD will spin and start reading the disc information. When finished, the LCD DISPLAY (#23) will show the total number folders followed by the total number of tracks on the CD MP3.
5. Press the CD PLAY/PAUSE ►|| BUTTON (#14) to start playing the CD MP3. The current track number and time will show on the LCD DISPLAY (#23) alternately.
6. While playing, press the CD PLAY/PAUSE ►|| BUTTON (#14) to pause playback. The current track time will blink on the LCD DISPLAY (#23). Press the PLAY/PAUSE ►|| BUTTON (#14) again to resume playing.
7. Pressing the PROGRAM / FOLDER + BUTTON (#4) allows you to switch folders (if available on your MP3 CD). Repeatedly press the PROGRAM / FOLDER + BUTTON (#4) to step through all the available folders on the MP3 CD. The LCD DISPLAY (#23) will show F 01 is folder #1, F 02 is folder #2 and so on.
8. Tap the VOLUME +/- BUTTONS (#15/16) repeatedly to the desired volume level.
9. Press the CD STOP ■ BUTTON (#13) to stop playing.
10. To turn off the unit, press and hold the POWER BUTTON (#1) for 2 seconds.

REPEAT MODE PLAYING A CD MP3**REPEAT 1:**

When you first start playing a CD MP3, press the REPEAT BUTTON (#3) once. The REPEAT icon will show on the LCD DISPLAY (#23). The current track playing will now repeat continuously until you stop playback or change the mode.

REPEAT FOLDER

Press the REPEAT BUTTON (#3) again. The REPEAT FOLDER icon appears on the LCD DISPLAY (#23). All tracks in the current folder will play in order and will repeat continuously until you stop playback or change the mode.

REPEAT ALL:

Press the REPEAT BUTTON (#3) again. The REPEAT ALL icon appears on the LCD DISPLAY (#23). All tracks on the CD MP3 will play in order and will repeat continuously until you stop playback or change the mode.

RANDOM PLAY:

Press the REPEAT BUTTON (#3) again. The RANDOM icon will show on the LCD DISPLAY (#23). All tracks on the CD MP3 will play in random order until you stop playback or change the mode.

CANCELLING THE REPEAT MODES:

Press the REPEAT BUTTON (#3) again or until all the icons on the LCD DISPLAY (#23) turn off.

SKIP AND SEARCH MODE (COMMERCIAL CD and CD MP3)

1. During Play or Pause mode, tap the SKIP ►► BUTTON (#6) or SKIP ◄◄ BUTTON (#5) to go to the next track or go back to the beginning of the current track.
2. During Play mode or Pause mode, press and hold the SKIP ►► BUTTON (#6) or SKIP ◄◄ BUTTON (#5) to search within the current track at high speed playback.
3. During CD MP3 Play mode, press and hold the PROGRAM / FOLDER + BUTTON (#4), to go to the next folder.

PROGRAM PLAY MODE (COMMERCIAL CD and CD MP3)

This function allows music tracks to be played in a programmed sequence.

NOTE: Program can only be set in STOP mode.

1. Tap the PROGRAM / FOLDER + BUTTON (#4) once. The program number P01 and the "MEMORY" will blink on the LCD DISPLAY (#23).
2. Press the SKIP ►► BUTTON (#6) or SKIP ◄◄ BUTTON (#5) to select the track to be programmed.
3. Press the PROGRAM / FOLDER + BUTTON (#4) again to store the selection. The program number will advance to P02 and flash to prompt for the next input.
4. You may repeat steps 2 to 3 to program up to:
 - 20 tracks when playing a COMMERCIAL CD or
 - 99 tracks or when playing a CD MP3.Once the storage capacity has been reached, "FULL" will show on the LCD DISPLAY (#23).
5. Press the CD PLAY/PAUSE ►► BUTTON (#14) to start program play. "P" will appear on the LCD DISPLAY (#23).
6. Press the PLAY/PAUSE ►► BUTTON (#14) again to stop the playback while retaining the program.
7. To play the program back again, press the PLAY/PAUSE ►► BUTTON (#14).
8. To delete the program, press the STOP ■ BUTTON (#13) twice. "P" will turn off on the LCD DISPLAY (#23).

NOTES:

- If skipping occurs during CD play, try turning the volume down.
- Do not open the CD DOOR when a CD is playing.

BLUETOOTH OPERATION

Pairing a Bluetooth enabled device with the J-280BT

1. Press the **POWER BUTTON** (#1) to turn on the unit.
2. Tap the **FUNCTION BUTTON** (#17) repeatedly to select Bluetooth Mode.
3. "bt" will blink on the **LCD DISPLAY** (#23).
4. Turn on the Bluetooth function of your device and enable the search or scan function to find the QFX J-280BT
5. Select the QFX J-280BT from the device list when it appears on your device's screen. If required, enter the pass code "0000" to pair (link) the J-280BT with your device.
6. If you are pairing (linking) your computer to the J-280BT using Bluetooth, you may need to set the J-280BT as your computer's default sound device.
7. After pairing the J-280BT with your Bluetooth device successfully, the "bt" will light steadily.
8. If you want the J-280BT to pair with another Bluetooth device, press and hold the **PAIR / PLAY/PAUSE** ►► **BUTTON** (#14) until the "bt" blink on the **LCD DISPLAY** (#23). The unit will go into Pairing/Discoverable mode.
9. Repeat steps 4 & 5.

Now you can play music from your Bluetooth device wirelessly to the J-280BT

1. Select a song and press the **Play/Pause Button** on your Bluetooth device or **PLAY/PAUSE** (#14) on the J-280BT to play or pause the Bluetooth device playback.
2. Tap the **SKIP** ◀◀ **BUTTON** (#5) or **SKIP** ▶▶ **BUTTON** (#6) to select the Previous or Next track.
3. Slowly adjust both the volume controls on the J-280BT and on the Bluetooth device until you reach a comfortable listening level.

Notes:

- Refer to the manual of your cell phone, tablet PC, computer or other Bluetooth enabled devices for Bluetooth operation since it may vary from model to model.
- If your Bluetooth enabled device does not support A2DP profile, it will not play the music through the speaker, even if paired (linked).
- Remember to turn off the J-280BT when you have finished listening.
- Don't forget to switch off the power of your Bluetooth device as well.

AUX OPERATION

This unit provides an **AUX IN JACK** (#18) for connecting external audio devices like MP3 players, CD players, smart phones and iPods (except iPod shuffle 3rd generation) to listen to your external source through the speakers of this system.

1. You need an audio cable (not included) with one 3.5 mm stereo plug on each end of the cable.
2. Plug one end of the cable into the **AUX IN JACK** (#18) located on the top right side of the unit and the other end of the cable into the **Line-out Jack** or **Headphone Jack** of your external audio device.
3. Turn on the external audio device.
4. Turn on the unit and tap the **FUNCTION BUTTON** (#17) repeatedly to select **AUX Mode**. The "AUX" will show on the **LCD DISPLAY** (#23).
5. The volume level can now be controlled through the **VOLUME - BUTTON** (#15) and **VOLUME + BUTTON** (#16) of the unit. Operate all other functions on the auxiliary device as usual.
6. Press and hold the **POWER BUTTON** (#1) for 2 seconds to turn off the unit.

Notes:

- If you connected the Line-out Jack of your external device then you only need to adjust the volume control of this system. If you connected the Headphone Jack of your external device then you may need to adjust both the volume control of your external device and the volume control of this system to find the most desirable volume setting.
- Remove the audio cable from AUX IN JACK (#18) when you finish listening. Don't forget to switch off the power on your external device as well.

TAPE OPERATION**Playing a tape**

1. Press the POWER BUTTON (#1) to turn on the unit.
2. Tap the FUNCTION BUTTON (#17) repeatedly to select cassette mode.
3. Press STOP/ EJECT ■ ▲ BUTTON (#8) to open the CASSETTE HOLDER (#24).
4. Insert a tape and close the CASSETTE HOLDER (#24).
5. Press CASSETTE PLAY ◀ BUTTON (#11) to start playback.
6. Tap the VOLUME +/- BUTTONS (#15/16) repeatedly to the desired volume level.
7. To pause playback, press the CASSETTE PAUSE || BUTTON (#7). Press the CASSETTE PAUSE || BUTTON (#7) again to resume playback.
8. To stop playback, press CASSETTE STOP/ EJECT ■ ▲ BUTTON (#8).
9. To search backward or forward, press REW. ▶▶ BUTTON or F.FWD ◀◀ BUTTON (#10 or #9) and press CASSETTE PLAY ◀ BUTTON (#11) or CASSETTE STOP/ EJECT ■ ▲ BUTTON (#8) at the point you want stop.

Recording from CD/FM/AM/BT/AUX

1. Press the POWER BUTTON (#1) to turn on the unit.
2. Press CASSETTE STOP/EJECT ■ ▲ BUTTON (#8) to open the CASSETTE HOLDER (#24).
3. Insert a tape and close the CASSETTE HOLDER (#24).
4. Tap the FUNCTION BUTTON (#17) repeatedly to select CD, FM, AM, Bluetooth or AUX mode which you want to record.
In CD mode, start to play the CD.
In radio (FM or AM) mode, tune to your desired radio station.
In Bluetooth mode, start play from your Bluetooth device.
In AUX mode, start play from your auxiliary source.
5. Press CASSETTE RECORD ● BUTTON (#12). CASSETTE PLAY ◀ BUTTON (#11) is depressed automatically.
6. To pause recording, press CASSETTE PAUSE || BUTTON (#7). Press the CASSETTE PAUSE || BUTTON (#7) again to resume recording.
7. To stop recording, press CASSETTE STOP/EJECT ■ ▲ BUTTON (#8).
8. To listen to your recording, tap the FUNCTION BUTTON (#17) repeatedly to select cassette mode. Press REW. ▶▶ BUTTON (#10) to rewind the tape to search your recording, then press PLAY ◀ BUTTON (#11) to listen.

Recording from the built-in microphone

1. Press the POWER BUTTON (#1) to turn on the unit.
2. Tap the FUNCTION BUTTON (#17) repeatedly to select cassette mode. CASS will light on the LCD DISPLAY (#23).
2. Press STOP/EJECT ■▲ BUTTON (#8) to open the CASSETTE HOLDER (#24).
3. Insert a tape and close the CASSETTE HOLDER (#24).
4. Press RECORD ● BUTTON (#12). PLAY ◀ BUTTON (#11) is depressed automatically.
5. To pause recording, press the PAUSE || BUTTON (#7). Press the PAUSE || BUTTON (#7) again to resume recording.
6. To stop recording, press the STOP/EJECT ■▲ BUTTON (#8).
7. To listen to your recording, tap the FUNCTION BUTTON (#17) repeatedly to select cassette mode. Press REW. ▶▶ BUTTON (#10) to rewind the tape to search your recording, then press PLAY ◀ BUTTON (#11) to listen.

Note: The Built-in MICROPHONE (#25) is located on the front right of the unit. Place the recorder near the sound source to be recorded.

CARE AND MAINTENANCE

1. Do not subject the unit to excessive force, shock, dust or extreme temperature.
2. Do not tamper the internal components of the unit.
3. Clean your unit with a dry cloth. Solvent or detergent should never be used.
4. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
5. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
6. If drop-outs or interruptions occur in the music during CD play, or if the CD fails to play at all, its bottom surface may require cleaning. Before playing, wipe the disc from the center outwards with a good soft cleaning cloth



ABOUT CASSETTE TAPES

Whenever you record on a cassette any previously recorded material is erased as the new material is recorded. To prevent you from accidentally erasing material which you wish to save, blank cassettes are equipped with erase prevention tabs for each side of the tape. If the erase prevention tab for side A is removed, you cannot accidentally record on side A. The Record ● key cannot be depressed if the erase prevention tab on the cassette has been removed.

To prevent accidental erasing on side A of a cassette use a small screw driver or similar tool to break off the erase prevention tab for side A. This prevents the record key from locking.



TAB FOR SIDE A
BREAK OFF TO PREVENT RECORDING



COVER OPENING WITH TAPE
IN ORDER TO RECORD AGAIN.

If later you do wish to record on side A of the cassette, cover the tab opening with a piece of cellophane tape. This will allow the Record ● to function again.

CASSETTE CARE

Two common causes of trouble experienced when using cassettes are:

- 1) Tape Jamming – Leading to uneven speed in playback, and
- 2) Tape Tangling – Where the tape wraps itself around vital parts of the mechanism.

To reduce the likelihood of these problems occurring, the following precautions should be observed:

- Check that there are no loose layers of tape visible through the cassette center window (see Fig. 1). Take up any loose layers, using a pencil or hexagonal barreled ballpoint pen, before inserting the cassette into the machine (see Fig.2)



Fig.1



Fig. 2

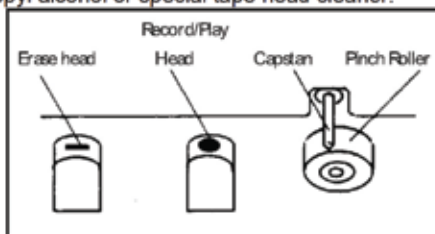
- If the cassette feels tight while performing operation shown (see Fig.2), the tape may be jamming due to ridges formed in the winding of the tape (visible through the center window). These may be removed, in most cases, by fast winding of the cassette from one end to the other and back again.
- Use only well-known brands of tape. Avoid use of C-120 cassettes.

Furthermore, do not expose cassettes to direct sunlight, dust or oil, and do not touch the tape surfaces.

HEAD CLEANING

The tape heads, pinch roller and capstan require periodic cleaning. This removes particles of the metal oxide coating that wear off the tape and accumulate on these parts and impair performance. Switch off the power, press the STOP/EJECT ■▲ BUTTON (#8) to open the cassette door, and press the PLAY ◀ BUTTON (#11).

Clean the tape heads, pinch roller and capstan with a soft cloth or cotton pad dampened in isopropyl alcohol or special tape head cleaner.



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1. Avoid operating your unit under direct sunlight or in hot, humid or dusty places.
2. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
3. For better Display clarity, avoid operating the unit under direct sunlight or in strong room illumination.
4. Unplug the unit from the electrical power outlet immediately in case of malfunction.

TROUBLE SHOOTING

If you experience difficulties in the use of this music system, please check the followings or call 1-800-777-5331 for Customer Service.

Symptom	Possible Cause	Solution
Noise or sound distorted on AM or FM broadcast.	- Station not tuned properly for AM or FM. - FM: Telescopic antenna is not extended. - AM: The bar antenna is not positioned correctly.	- Retune the AM or FM broadcast station. - Fully extend the FM telescopic antenna. - Reposition the unit until the best reception is obtained.
AM or FM no sound.	- Unit not set to AM or FM band. - Volume at minimum.	- Select AM or FM Mode - Increase Volume.
CD player will not play.	- Unit not in CD function mode. - CD is inserted incorrectly. - If the CD is self-compiled, the media used may not be compatible with the player.	- Select CD function mode. - Insert CD with label side up. - Use better quality blank media and retest.
CD skips while playing	Disc is dirty or scratched.	Wipe CD with clean cloth or use another disc.
CD Intermittent sound	- Dirty or defective disc. - Dirty Pick Up lens. - Player is subject to excessive shock or vibration	- Clean or replace the defective disc. - Use a CD-lens cleaning disc to clean the lens. - Relocate the player away from shock or vibration
Tape Playback muffled or fuzzy	Tape head dirty	Clean tape head using head cleaning cassette
Cassette Player no sound	- Unit not at TAPE function mode - Volume at minimum	- SELECT Cassette Mode - Increase volume
Sound distorted	Dirty tape head	Clean the head
Speed varies	- Tape old or worn - Dirty roller and capstan	- Replace the tape - Clean roller and capstan
Cassette Recorder will not record	Prevention tab removed	Cover hole with tape
Distorted sound on playback	Defective tape or dirty tape head	Replace tape or clean tape head
Sound appears distorted at high volume setting	Volume control is set to maximum.	Adjust Volume control to a lower comfortable level.

SPECIFICATION

POWER SUPPLY AC 110/220V, 50/60Hz
 DC 6 x 1.5V $\equiv$ type R14/ UM-2/ "C" size batteries (not included)

FREQUENCY RANGE FM 88 -108 MHz
 AM 520 -1710 kHz



LIMITED PRODUCT WARRANTY POLICY

Before returning your Product for service under this Warranty, please (i) read the instruction manual carefully and visit our website at www.qfxusa.com for Product updates and extended support documentation (e.g., Common Troubleshooting Guides); (ii) if you are still having trouble with your Product, please contact the QFX Customer Support Department.

Subject to the terms and conditions herein, QFX, Inc. (herein after called "QFX") warrants to the original purchaser of the Product ("Customer") that for the applicable Warranty Period listed below, the Product will be free from defects in material or workmanship under normal, non-commercial use ("Defects").

Warranty Period encompasses, as listed below, separate "Coverage Periods" for Parts and Labor, each Coverage Period to begin from the original date of Customer purchase. If Customer returns a defective Product (or any component thereof) during the applicable Warranty Period, QFX will, at its option, during the specified Coverage Periods for Parts and Labor (as applicable either: (i) repair the Product (or, as applicable, any component thereof) or (ii) replace the Product (or, as applicable, any component thereof) with a new or refurbished Product (or, as applicable, any component thereof), in either case free of charge to Customer for Parts and/or Labor (as applicable) during the specified Coverage Period only, and excluding applicable shipping charges (noted below), for which the Customer is responsible. The foregoing states the Customer's exclusive remedy and QFX sole liability for breach of the limited warranty contained herein.

This warranty covers only normal use. This warranty is not transferable. QFX is not responsible for warranty replacement should the QFX label or logo be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, immersion in liquids, improper installation, improper shipping, damage caused by disasters such as fire, flood, or service other than by QFX. In addition, this warranty excludes any Product (or, as applicable, any component thereof) that has been subject to or Defects resulting from: (a) any neglect or misuse by a Customer, an accident, improper application, violation of operating instructions for the Product, any other Customer-induced damage, or the alteration or removal of any Product serial number; (b) any modification or repair to Product (or, as applicable, any component thereof) by any party other than QFX or a party authorized in writing by QFX; (c) any damage to Product (or, as applicable, any component thereof) due to power surges, incorrect electrical voltage, misconnection to any device, or malfunction of any device used with the Product (or, as applicable, any component thereof); (d) cosmetic damage to the Product (or, as applicable, any component thereof) caused by normal wear and tear; (e) shipping damage that occurs while the Product is in transit; (f) damage caused by heat sources, sunlight, electromagnetic conditions, or other climatic conditions or (g) any acts of God.

Product is sold to Customer for personal, non-commercial use only. Product is not warranted for Customer's commercial or rental use. In addition, Product is not warranted against failure, and should not be used by Customer for any application where (i) there is a risk that any data stored on Product will be breached or otherwise compromised, or (ii) the date stored on Product is relied upon for medical or lifesaving applications. QFX disclaims any Warranty for any of the foregoing uses to the fullest extent permitted by law. Customer assumes any and all risks associated with such uses of Product, and agrees to indemnify QFX for any damages claimed against QFX for such uses.

EXCEPT FOR EXPRESS WARRANTIES STATED ABOVE AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, THE PRODUCTS ARE PROVIDED "AS IS" AND QFX DISCLAIMS ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY (i) OF MERCHANTABILITY, (ii) OF FITNESS FOR A PARTICULAR PURPOSE, OR (iii) OF NON-INFRINGEMENT OF THIRD PARTY RIGHTS. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL QFX BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, ANY LOST PROFITS OR REVENUES, LOSS OR INACCURACY OF ANY DATA OR COST OF SUBSTITUTE GOODS, REGARDLESS OF THE THEORY OF LIABILITY (INCLUDING NEGLIGENCE) AND EVEN IF QFX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, QFX AGGREGATE LIABILITY TO CUSTOMER FOR ACTUAL DIRECT DAMAGES FOR ANY CAUSE WHATSOEVER SHALL BE LIMITED TO THE CUMULATIVE PRODUCT FEES PAID BY THAT CUSTOMER FOR THE PRODUCTS CAUSING THE DAMAGES, IF ANY.

This Warranty gives Customer specific rights, and Customer may also have other rights that vary from jurisdiction to jurisdiction. Warning: Some Products may contain components that are small enough to be swallowed. Please keep out of reach of children. In order for the return to be processed, you must send the Product PREPAID to the address below in the original packaging or reasonable substitute to prevent damage and include: (1) a dated sales receipt (which must have a purchase date that falls in the Warranty Period specified in the table below) that indicates the place of purchase, model number of Product, and amount paid, (2) a detailed description of Customer's problem with Product, (3) Customer's full name, phone number, and return address, (4) all of the accessories that came with the Product package must be sent along with the main Product, (4) a cashier's check or money order payable to QFX, Inc., in the amount specified for the item in the product table below for return shipping and handling. If in the case you cannot provide a money order or cashier's check, you can contact The QFX Customer Support Representative to arrange payment via credit card. No returned Product will be shipped back to a PO BOX. If a returned Product is found to have no problem and/or does not include ALL of the requirements indicated above, it may be returned back to the customer and will not be processed.

QFX USA®, Inc.

RMA Processing

Customer Support Department

2957 E. 46th Street | Vernon, CA 90058



support@qfxusa.com



(800) 864-CLUB (2582) or (323) 457-9900



qfxusa.com



Hours of Operation: Monday - Friday, 9am - 5pm PST

All prices and details below are for US Destinations excluding, Hawaii, Alaska and Puerto Rico. For excluded destinations and NON US destinations, please contact The QFX Customer Support Department directly for additional shipping fees and return instructions.

If you do not find your Product below, your Product model conflicts with multiple categories, and/or are unsure of which category the Product you have purchased will fall under, please contact our Customer Support Department for further instruction.

In order to determine the exact shipping cost that must be included with your product or paid for the product being returned, please refer to the table below. Please find the product you wish to return by category or model number prefix. QFX will not provide any return or refund to any customer for merchandise and will only honor the Limited Warranty restrictions mentioned in this document.

Please make sure to follow all directions prior to shipping back your item. If you are not sure what the shipping cost for your item is, or if your item category conflicts in the table below, please feel free to contact the QFX Support Department for further assistance.

PRODUCT CATEGORY	HANDLING	LABOR	PARTS
Earphones, Headphones, Pocket Radios, & Small Bluetooth Speakers	\$5.00	1 Year	1 Year
Personal Stereos	\$10.00	1 Year	1 Year
Portable Radio/Cassette	\$15.00	1 Year	1 Year
Large Portable Radio Cassette	\$20.00	1 Year	1 Year
Mobile Audio	\$10.00	1 Year	1 Year
Pro Audio SBX Systems	\$75.00	1 Year	1 Year
Pro Audio PBX Systems	\$75.00	1 Year	1 Year
Televisions	\$25.00	1 Year	1 Year
Telephones	\$10.00	1 Year	1 Year
Stand Fans	\$20.00	1 Year	1 Year
Portable Rechargeable Fans	\$15.00	1 Year	1 Year

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1-800-864-2582
Mon-Fri 9AM - 5PM (PST)



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www.qfxusa.com

THANK YOU.

QFX Where the Party Begins!

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