Operations Guide

ZX700

DVD/CD/MP3/AM/FM/WEATHER BAND
HIGH POWER DIGITAL SURROUND SOUND

Index

ZX700 Features

CD/MP3/DVD Disc Player

Compatible with standard size CD MP3 and DVD discs (4.75"or 12 cm). The ZX700 is designed to read standard CD, MP3, DVD, DVD+R, DVD-R Disc. Because of variations in 3rd party recording methods some discs may not plan on this unit.

Built-In AM/FM Tuner

27 preset FM stations and 18 AM stations available to select

Built-In Weather Band Tuner

This unit can receive the latest weather forecast reports broadcast on 7 different frequencies - with strongest station automatically selected.

3 Audio and Video Output locations

This unit supplies quality high power audio and video outputs to three different rooms. Room A receives 5.1 full digital surround sound. Room B and C receive standard stereo audio.

Four Inputs (2 Audio Video and 2 Audio)

This unit has one AV-IN (INPUT1) and one AUDIO-IN (INPUT2) to allow users to enjoy Audio and Video entertainment from other AV sources such as Satellite Radio, iPod Video, VCR, Digital Camera, Video Game Player, etc. These sources must be connected through the two inputs on the back of the unit or through additional accessory wall plates.

Sound Equalization Control

Allows control of the Bass, Treble, Balance and EQ It allows the modification of sound in each of the available 3 rooms.

Basic Keys
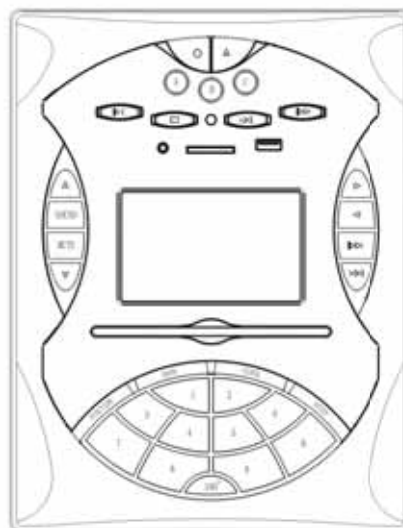
POWER
Turns the power on and off

VOLUME
Increase or decrease the volume in all rooms where sound is being played.

MUTE
Turn the sound off or on with this single button. Works on all Rooms where the sound is being played.

SOUND
Controls under this Menu include Volume, Base, Treble, Balance and EQ controls.

Volume: 39 different levels
Bass: 14 different levels
Treble: 14 different levels
Balance: 14 different levels
EQ: Pop, Class, Rock, Flat

EJECT
Ejects the disc from the ZX700.

A B C

ABC Room Keys
Turns sound on or off in corresponding rooms A, B or C.

Left and Right Arrows
Radio: Press these buttons to select next frequency higher or lower.
DVD: MENU turn page.

Left and Right Double Arrows
Radio: Press these buttons for station SEEK.
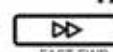Disc: Move to previous track or next track on disc.

PLAY/PAUSE
Press to play disc or pause playback of disc.

STOP
Press to stop playback of disc. Press Play to continue the playback.

FAST FORWARD
Radio: Scan through all higher preset stations.
Disc: Select different levels of fast forward.
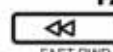
FAST REVERSE
Radio: Scan through all lower preset stations.
Disc: Select different levels of fast reverse.

DISPLAY
Shows all functions occuring within the ZX700
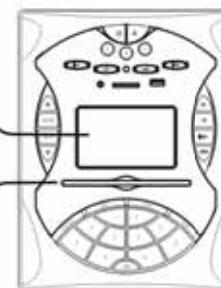
DISC INSERT
Unit holds a single disc. The disc inserts and ejects from this opening.

FUNCTION
Select between RADIO, DISC, AU2, AV1, AU2.

BAND
Allows you to select FM1, FM2, FM3, AM1, AM2 or Weather Band.

SETUP
Press for DVD setup menu.

0-9 NUMBERS
Radio: Press to select preset stations. For details on setting preset stations, please see page 4.
Disc: Selects different tracks on CD and different chapters on DVD.

| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 0 100+ |

100+
Radio: N/A.
Disc: Press the 100+ area on the "0" button to select tracks numbered higher than 100 on MP3s.

Radio Using The Main Unit

FM3 89.3 6

1.   2.   3.

It is important to understand what is shown on the digital display:
1. Band Indicator: Indicates the radio band. AM1, 2 FM 1, 2, 3 or Weather Band
2. Frequency Indicator: Indicates the radio frequency.
3. Preset Number Indicator: Indicates the preset station is selected.
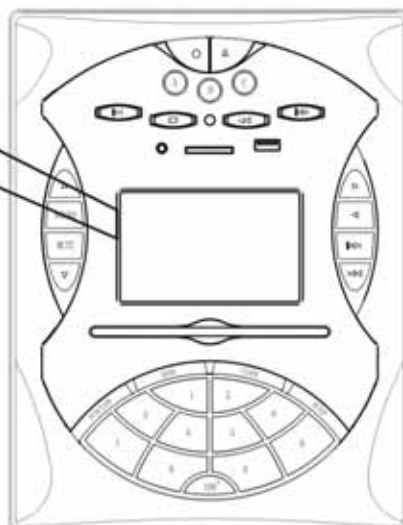
The radio is divided into five bands; FM1, FM2, FM3 and AM1, AM2 . There are 9 positions available for each band to preset favorite stations.

FUNCTION

BAND

How to select the Radio Reception Mode
Push the BAND button and the unit switches to Radio immediately. Or, push the FUNCTION button until RADIO shows on the digital display.

BAND

◁   ▷

6

How to preset the desired station to the selected pushbutton
To preset 89.3 MHz (frequency 89.3 MHz and FM3 band is used as an example only) at No.6 of FM3 band, the user needs to switch to the FM3 band first and push left or right tuning button to tune to 89.3 MHz. Then push and hold the No. 6 button until 6 FM3 89.3 MHz flashes twice on the digital display. The station has now been preset

HOLD Until Blinking

BAND

5

How to recall the preset stations
A station preset at No. 5 position on the FM2 band, and this station is desired, then push the BAND button repeatedly until FM2 appears on the digital readout, and then push the No. 5 button.

◁   ▷

Manual Tune Up or Down
Push either key to move the channel selection up or down.

◁◁   ▷▷

Auto search for an available station
Push to auto search or the cluster or buttons on the remote for an available station at a lower or higher frequency near the current station. When this function is selected, the unit will stay at the selected station until another function is selected.
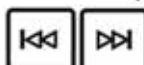
Auto Seek through all the ranges of the FM or AM bands
Press the FAST RWD button, The unit will select auto scan function. And will automatically preset any available station in order, from low to high until all the preset positions have been filed. When a station is found, it will be stored in the unit.

Weather Band Reception
Press the [BAND] button to select the Weather Band. Once the unit is set on the Weather Band function, it will automatically search for an available station among the 7 preset US Weather Bureau frequencies. When the signal is not strong enough to receive the last weather band station, the unit will continue search for another weather band station. The users can also manually select a whether band station by pressing any of the 1-7 preset numbers frequencies.

XM Satellite Radio (optional)
See page 20.

UNIT KEYS
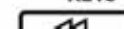
◁◁
FAST RWD

▷▷
FAST FWD
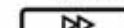
BAND

DVD/WMA/CD/MP3 Using The Main Unit

10-0:00:20

1.   2.   3.   4.

It is important to understand what is shown on the digital display:

1. Displays the disc track or chapter (As shown the disc is on the tenth track or chapter).
2. Displays the hours the individual song, program or video has been playing.
3. Displays the minutes the individual song, program or video has been playing.
4. Displays the seconds the individual song, program or video has been playing.

UNIT KEYS

DVD
CD
MP3
WMA

EJECT

To Load a Disc

There are several ways to select and load a disc into the ZX600.
If you have left a disc in the unit you will have to press FUNCTION on the front panel until DISC shows on the display. If you are using the remote, press the DISC button. Either of these options will start the disc playing.
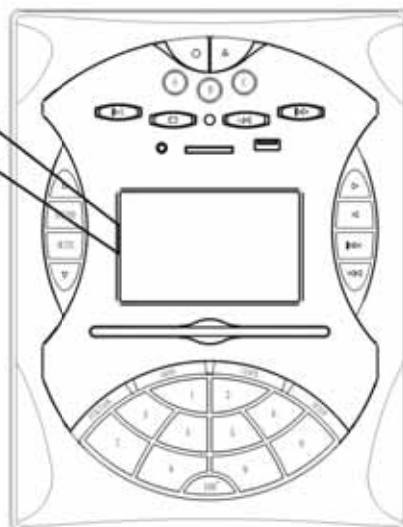
Another way to play a disc is to insert it into the slot. The unit will switch to disc by itself.

CAUTION: If the disc won't load into the slot DON'T force it. You will damage the loader, the disc or both (You just might find the disc you thought you lost last week).

Eject a Disc

Regardless of which function is playing, if the EJECT button on the front panel or the remote control is pushed, the unit will stop playing and eject the disc. The unit will keep the disc in the slot with EJECT showing on the Digital Display.
If there is no disc inside the unit, a disc placed in the slot will be taken inside automatically with LOADING showing on the Digital Display.

REMARK:
When the unit ejects a disc and the disc isn't removed after 1 minute, the unit will automatically reload the disc. This feature protects the disc from being dropped and damaged.

UNIT KEYS

Play / Pause

Normally, when the unit accepts a disc with no Playback Control, The unit will play the disc from the beginning. When a Playback Control exists, the user needs to push the Play button to start to play the disc. If the user pushes this button again, the unit will pause the disc. To release Pause, push this button again, and play will continue.

PLAY/PAUSE

Stop

When the unit is playing, push the STOP button to stop playing the disc.

STOP

Fast Forward / Fast Reverse

Regardless of whether you use Fast Forward or Fast Reverse,(during DVD mode) there are 6 different speeds to select from: 1X_2X_4X_8X_16X_20X
To select a normal speed, push the PLAY button. The unit will immediately play the disc at a normal speed. On the unit the PLAY button must be pressed a second time to Play from Pause

FAST RWD

FAST FWD

Previous / Next

Pushing the Previous button, the unit will play the disc from the beginning of the previous track;

Pushing the Next button, the unit will play the disc from the beginning of the next track.

DVD
CD
MP3
WMA

SETUP:

Press the SETUP button on the unit when the unit is in the Disc player mode. The screen will display the system setting menu.
Press ◀ or ▶ button on the unit can turn MENU page.

To Load USB or SD

USB/SD, as a moving memory set, it can recorded these document: MP3, WMA, JPEG and MPEG. If you push the compatible USB/SD into the cocket of the mechine, it can auto playing all kind Of the document that USB/SD recorded.

NOTE：

1. Because the USB/SD come from diffter factory capable, and all factories can't work on a same technoloyy standard, so the machine can't playing the USB/SD cometine.
2. Bofore you push off the USB/SD from the machine,press the "STOP" had better.

Because of variations in 3rd party recording methods some discs may not plan on this unit.
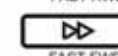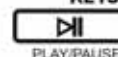
Remote Control Keys

POWER
Turns the power on and off.

EJECT
CD Mode: Use this button to eject the CD from the unit.

DISC
Similar to the Function button on the main unit. This button selects the CD/DVD. When inserting a DC/DVD the unit will automatically start the play function.

RADIO
This button selects the Radio.

USB/SD
Press to select USB or SD.

INPUT
Press to select AU1, AU2, AV1 or Av2.

BAND
Once the radio is selected, this button allows you to select FM1, FM2, FM3, AM1, AM2 or the Weatherband.

A, B and C Rooms
Turns sound on or off in corresponding rooms A, B or C.

0-9 NUMBERS
Radio: Press to select preset stations. For details on setting preset stations, please see page 4.

Disc: Selects different tracks on CD and different chapters on DVD.

100+

Radio: N/A.

Disc: Press the 100+ area on the "0" button to select tracks numbered higher than 100 on MP3s.

RETURN/SUB-T
DVD Only - Returns to previously selected tracks.
Press it for about 3 seconds to view the status of the DVD or CD title.

REPEAT
Press once to repeat last CD/WMA track selected. Pressing twice repeats all for continuing play. Press again to turn off..

ZOOM
DVD Only -Pressing ZOOM will alternate between enlarged picture 1X, 2X, 3X, 4X and reduced picture 1/2X, 1/3X, 1/4X.

AUDIO
DVD Only - Adjusts the surround sound mode as well as selects the language. Must be set before play.

Cluster Buttons
Press the appropriate button to move around any menus that are selected on screen. Center button is the "select" button.

VOLUME UP/DOWN
Press to increase or decrease the sound volume.

MUTE/BC
Turn the sound off or on with this single button. Works on all Rooms where the sound is being played.
Pressing the BC button for obout 5 seconds defaults to default settings.

Have the same function as Cluster Buttons▲,▼.

SETUP
Press for DVD setup menu.

MENU/DISPLAY
DVD Only - Selects upper menu.
Press the button for obout 3 seconds to view the statas of the DVD or CD that is currently playing.

SOUND
Menu controls include Volume, Bass, Treble balance, EQ and time. Controls can be modified differently for each room.

SLOW
Slows on-screen action in DVD.

STOP
Press to stop play.

PLAY/PAUSE
Press to play press again to pause play.

FAST REVERSE/FORWARD
Press to select different levels of Fast Reverse or Forward. Press play to resume selection.

PREVIOUS/NEXT
Radio Mode: Press to select higher or lower stations.
Disc: Press to select previous or next track or chapter.

SLEEP
Selects timing for delayed turn-off mode. Available increments 10, 20, 30, 40, 50, 60, 70, 80, and 90 minutes.

Remote Control Operation

Power

Press "POWER" button to turn On/Off the power.

EJECT:To Eject Disc From Unit

When the unit is in Disc Play mode, if the EJECT button on the front panel or the remote control is pushed. If there is no disc inside the unit, a disc placed in the slot will be taken inside automatically with LOAD showing on the Digital Display. When the unit ejects a disc and the disc isn't removed after 1 minute, the unit will automatically reload the disc.

Band

Push the "BAND" or "RADIO" button and the unit switches to Radio immedintely. During radio mode, press "RADIO" again to switch receiving band.

Number Buttons

——During radio mode, you can select one of the 9 stored stations on each hand by pressing any one of the **number button** 1-9.

——During the playing mode, you can select any track directly by using **number button** (0~100+). For example, if you need the twenty-five track, you can first press button 2 and then press button 5, the corresponding tarck (15)^{th.} will be automatism played.

Program

——During **CD**、**VCD** mode, you can set the program order to play, you can follow the steps as below:

Press " PROGAM " button, and the LCD displays programming **P00:00**. You can set the program order to play them by using (0~10+) number button, and then press "PLAY/PAUSE" to play.

Note:

① *Program doesn't function in playing* **MP3**.

② *CD Only-Allows you to re-arrange the playback order of individual tracks differently from the order on the original disc. TV screen shot shown.*

```
W 4U9 W GU8   W4W
PROG
1[--] 5[--]  9[--] 13[--]
2[--] 6[--] 10[--] 14[--]
3[--] 7[--] 11[--] 15[--]
4[--] 8[--] 12[--] 16[--]
                 PLAY CLEAR
```

③ *If there are mistakes in programs, you can press "PROGAM" button again.then press "PROGAM" button to play in order.*

Repeat

——During DVD mode , firstly Press"REPEAT" to repeat the current track being played; Press it again to repeat playing all the tracks. The third press it to Off (LCD will display different designs)

——During CD、MP3、VCD mode, firstly press "REPEAT" to repeat the current track being played; press it again to cancel the repeating functional.

Note: In VCD、MP3、CD mode. The initial procedure is repeat playing all the tracks.

Note: In radiomode.Press "REPEAT" oscan each stored station 10 seconds respectively which stored in **Number Buttons.**

ZOOM KEY

—— In DVD、VCD playing mode, press (ZOOM) key once for 2x Mode, twice for 3x Mode. Third time for 4x Mode, forthly time for 1/2x. Five times for 1/3x, six times for 1/4x, seven times to off .

Note: NO ZOOM function CD/MP3 playing mode.

Volume Increasing/Decreasing

Press "VOL+ or VOL-" button to increase or decrease the volume level respectively.

Mute Button

Press"MUTE "button to cut down the sound of all rooms a. b. or c output, press it once more to resume the previous sound level.

MENU: Playing PBC

——During VCD mode only, when pressing " MENU " button at the

---

first time.**PBC**playback starts and the menu of entire disc appears on the television. And then you can select your favorite track by using number button (0~100+) number button When a track is playing, you can press " RETURN " button to return to the menu if you want to stop to select other tracks. To cancel PBC playing, press "MENU" button again.

Menu selector

Press "◇ ◁ ▷ △ ▽" button to select your desired menu,then press "ENTER"or press the play button "PLAY/PAUSE "to confirm.

Note: ① *This function works in main menu mode only.refer to page 13 .*

② *How to Use the Cluster Buttons and Enter on the Remote Control.*

UP	move cursor up
DOWN	move cursor down
LEFT	move cursor left
RIGHT	move cursor right
ENTER	Push to Select certain options-select center button
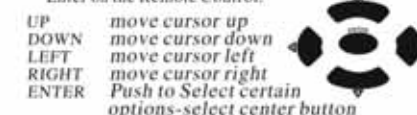
Sound: Selector (RADIO MODE)

—— Repeatedly press"SOUND" button to select the desired mode in the following order:

➡TIME➡VOL➡BAS➡TRE⌐
⌐EQ⬅LOUD⬅BAL⬅
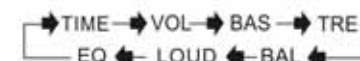
Note: After selecting your desired mode, you can adjust the current mode being displayed by using VOL KNOB.

Time setting: Switch to"Time" mode. Push and hold " SOUND " button longer than 3 seconds then pressVOL+ orVOL-to set time.

Remote Control Operation

Display on screen display

——During **CD**、**VCD**、**DVD** mode. press "DISPLAY" button. The display Shows single track elapsed time, single track left time or entire disc left time, and the track being played and the amount of the whole disc

Note:During **MP3***mode, only single track elapsed time is displayed in* **OSD** *mode.*

SLOW:(SLOW REVERSE/SLOW ADVANCE KEY)

—— In DVD playing mode,press "SLOW" key once for 2x slow adwance,twice for 3x slow advance, third for 4x slow advance,fouthly for 5x slow reverse,fifthly for 6x slow reverse, sixth for 7x slow reverse,seventh for normal player.

—— In VCD playing mode,press "SLOW" key once for 1x slow adwance,twice for 2x slow advance, Third for 3x slow advance,press "PLAY" key to,cancel slow reverse /Slow advance function.

Note: In MP3 and CD, it is not the function,

Stop: Stop the Playback

—In DVD.VCD.CD mode,press "STOP" button to suspend the playback and " **PRE-STOP** "shown on TV, press it again to stop the playback.

PLAY/PAUSE

Press "PLAY/PAUSE" button to suspend the playback of CD、MP3、VCD. DVD. Press it again to return to normal playback mode.

Tuning/Selecting Tracks /FastRewind/Forward

—— During radio mode,continuously press "FB" or "FF" button , the radio will automatically search a station downward or upward respectively until it finds a station.

Disc: Regardless of whether you use Fast Forward or Fast Reverse, there are 6 different speeds to select from: 1X_2X_4X_8X_16X_ 20X To select a normal speed, push the PLAY button. The unit will immediately play the disc at a normal speed.

PREVIOUS   NEXT

PREVIOUS/NEXT

Pushing the Previous button, the unit will play the disc from the beginning of the previous track. Pushing the Next button, the unit will play the disc from the beginning of the next track.

Remote Control Operation

★ SET UP KEY

——In DVD mode,press (Setup) key, menu will be showed on Screen. (see the pictrue)

Pressing (ENTER) key to corfirm after selecting your desired content:

SYSTEM SETUP: TV system,SCREEN, video,TVtype,password,rating ,default

the system can display N T S C, PAL60, PAL, AUTO, when selecting tv system(shown as picture)

SYSTEM SETUP
TV SYSTEM → PAL
SCREEN SAVER   NTSC
VIDEO   AUTO
TV TYPE
PASSWORD
RATING
DEFAULT
EXIT SETUP
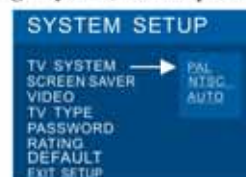
the system can display ON,OFF, when selecting screen saver shown as picture.

SYSTEM SETUP
TV SYSTEM
SCREEN SAVER → ON
VIDEO   OFF
TV TYPE
PASSWORD
RATING
DEFAULT
EXIT SETUP
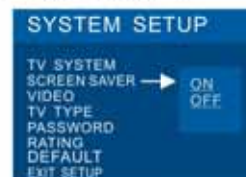
the system can display interlace YUV TV-RGB,P-SCAN, YPBPR,S-VIDEO,when selecting video(shown as picture)

SYSTEM SETUP
TV SYSTEM
SCREEN SAVER
VIDEO → INTERLACE YUV
TV TYPE   THREB
PASSWORD   P-SCAN YPBPR
RATING   S-CRID
DEFAULT
EXIT SETUP

the system can display 4:3ps,4:3LB ,16:9 to adjust the size of tv,when Selecting tv type(shown as picture)

SYSTEM SETUP
TV SYSTEM
SCREEN SAVER
VIDEO
TV TYPE → 4:3PS
PASSWORD   4:3LB
RATING   16:9
DEFAULT
EXIT SETUP

It can set up password when selecting password (Shown as picture)

When it is locating at lock in system set up ,you can press the right key cursor and move it to the lock., it will show out the ____ 🔒at that moment. Entering the default password, which is 0000 , then press Enter to confirm ,and you can set the the ratings limit while it is opening. To change the password , you will be prompted for the old password ,then be prompted for a new . (4-digit number is available password)

SYSTEM SETUP
TV SYSTEM
SCREEN SAVER
VIDEO
TV TYPE → 🔒
PASSWORD
RATING
DEFAULT
EXIT SETUP

the system can display Kid to Audlt 8 options, when selecting Rating

SYSTEM SETUP
TV SYSTEM   1 KID SAFE
SCREEN SAVER   2.G
VIDEO   3.PG
TV TYPE   4 PG13
PASSWORD → 5 PG-R
RATING   6.R
DEFAULT   7 NC-17
EXIT SETUP   8.ADULT

the system can display restore,when selecting DEFAULT(Shown as picture)

SYSTEM SETUP
TV SYSTEM
SCREEN SAVER
VIDEO
TV TYPE
PASSWORD
RATING
DEFAULT → RESTORE
EXIT SETUP

Remote Control Operation

LANGUAGE SETUP:OSD language, audio lang,subtitel lang,menu lang, exit setup

the system can display English,Chinese,Germany, Spaish Franch,Portguese for options when selecting OSD language (**Shown as picture**)

the system can display Chinese,English,,Japan, Franch,Spanish,Portguese,Latin, German,for options when selecting audio lang(**Shown as picture**)

the system can display Chinese,English,,Japan, French,Spaish,Portguese,German,and off for options when selecting subtitle(**Shown as picture**)

the system can displayChinese,English,Japan Franch,Spanish,Portguese,German and Latin for options when selecting menu lang (**Shown as picture**)

Please select exit option for exit.

AUDIO SETUP:audio out,key, exit setup
the system can display spdif/off,spdif/raw, spdif/pcm,when selecting audio out. (**Shown as picture**)

It can adjust the size when selecting key (**Shown as picture**)

VIDEO SETUP:brightness,contrast,hue saturation,sharpness,exit setup
It can adjust the brightness when selecting Brightness (**Shown as picture**)

It can adjust the contrast when selecting contrast(**Shown as picture**)

It can adjust the hue when selecting Hue. (**Shown as picture**)

It can adjust the saturation when selecting Saturation. (**Shown as picture**)

Remote Control Operation

It can adjust the sharpness when selecting Sharpness.(**Shown as picture**)

SPEAKER SETUP downmix, subwoofer, center delay, rear delay, bass mode. the system can display LT/RT, STEREO VSS, 5.1CH, when selecting DOWNMIX.

the system can display OFF/ON, when selecting SUBWOOFER.

It can adjust the CENTER DELAY when selecting CENTER DELAY (shown as picture)

It can adjust the REAR DELAY when selecting REAR DELAY, (shown as picture)

The system can display ALL LG SPK, ALL SM SPK, MIXED SPK, when selecting BASS MODE.

DIGITAL SETUP:op mode,dynamic range, dual mono,exit setup.
The system will offer LINE OUT and RF REMOD to choose when selecting OP MODE.(**Shown as picture**)

You can choose DYNAMIC RANGE including FULL,,6/8,4/8,and 2/8 when selecting DYNAMIC RANGE. (**Shown as picture**)

The system will offer STEREO,MONO L, MONO R and MIX MONO to choose when selecting DUAL MONO (**Shown as picture**)

ZX700 Specification

General
Dimension	6 5/8" 240mm (W) X 9 3/8" (H) X 4-1/2" 120mm (D)
Net Weight	6 lbs 3.35Kg
Voltage	14.4V DC (10.8V – 15.1V allowable)
Maximum Current Consumption	10A
Audio 10 separate Digital Amplifiers	
Total Maximum Power Output	400W at 4 Ω
Total Continuous Power Output	200W at 4 Ω
Load Impedance	4 Ω (4-8 Ω allowable)
Frequency Response	10Hz – 20,000Hz +/-1dB
Audio Signal against Noise Ratio	90dBA
Cross Talk Ratio for Stereo	75dBA
Audio Distortion	under 1% at 60dB

Tone Control
Bass	±7 dB (100Hz)
Treble	±7dB (10K Hz)

DVD Deck Section
Discs Played	MPEG4,DVD,VCD1.0/1.1/2.0/3.0,MP3,CD,CD-R,CD-RW,PICTURE-CD
Video System	AUTO/PAL/NTSC
Mounting Angle	0 to +/-30'

Video Section
Video System	4:3 Letter Box and 4:3 Pan Scan, 16:9
Video Output level	1.0Vp-p+/-0.2V 75 ohms
Horizontal Resolution	500

AM Tuner Section
Frequency Range	530-1710KHz(U.S.A)
IF Range	450KHz
Usable Sensitivity(-20dB)	25dB
AM	18

FM Tuner Section
Tuning Range	87.5-107.9MHz (U.S.A)
IF Range	10.7MHz
Usable sensitivity (-30dB)	15dB
Signal-to-noise Ratio	60dB
Stereo Separation	30dB(1KHz)
Frequency Response	30–15000Hz
FM	27

Simple Troubleshooting Guide

Problem	Cause/Solution
No power	★ Check and make sure whether the fuse is blown, replace with the proper value if necessary.
Some errors occur in the **LCD** or no function when pressing the button.	★ Start the machine again.
Poor effect on receiving a station.	★ Antenna may not be the proper length. Make sure the antenna is fully extended or broken: if broken. Replace the antenna with a new one. ★ The broadcasting signal is too weak. ★ The antenna is poorly grounded, check and make sure the antenna is properly grounded at its mounting location.
Disc cannot be loaded.	★ Disc is loaded in the mechanism.
No picture.	★ The Video line from main unit to the **TV** is not connected properly.
Disc error appears	★ Improper setting of the color system. Set the color system to" **PAL**" or " **NTSC**" . according to the connected television. ★ The Disc is dirty or damaged..
When there is no color on video	★ Please restart the machine.

★ Note: If any of the problem persist after check list had been made, consult your nearest service dealer. Never attempt to disassemble your unit by yourself.

Warning

To reduce the risk of electrical shock, do not remove cover (or open unit). NO USER-SERVICEABLE parts inside. Refer servicing to QUALIFIED SERVICE PERSONNEL.
The design and manufacture of this player takes personal safety into consideration. However, any improper operation may result in electrical shock, fire, or other hazard.
Due to the dangerous voltage inside this player, DO NOT open the cabinet by yourself to prevent electrical shock. Please contact a professional technician to perform any service needed. Please use only components recommended by factory when replacement is necessary.
Please turn unit off when not in use.
Use a dry, soft cloth to clean face with the system turned off.

PRECAUTION

Moisture may cause lens of loader in this unit to malfunction. To remedy the problem, turn unit on eject disc, and run for 1-2 hours to vaporize moisture inside the unit.
Do not repeatedly turn unit off and on. After turning unit off, wait 10 seconds before turning on again.
Do not use broken, scratched, or twisted discs in player. This could result in damage to the unit. Use only 5" 12cm discs in this unit.

FCC Compliance

15.19 Labelling requirements.
    (a) In addition to the requirements in part 2 of this chapter, a device subject to certification, or verification shall be labeled as follows:

(1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under part 73 of this chapter, land mobile operation under part 90, etc., shall bear the following statement in a conspicuous location on the device:
    This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.
(2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device:
    This device is verified to comply with part 15 of the FCC Rules for use with cable television service.
(3) All other devices shall bear the following statement in a conspicuous location on the device:
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.

Warranty
ONE (1) YEAR LIMITED WARRANTY

The Manufacturer warrants to the original retail purchaser of this unit that is or any part therein, under normal use and conditions, be proven defective in material or workmanship within 1 year from the date of original purchase, such defect/s will be repaired or replaced at the Manufacturer's option without charge for parts and repair labor.

This warranty does not extend to the elimination of externally generated static or noise, to the correction of antenna generated noise or to the cost incurred to correct this noise. The warranty does not cover the removal or the reinstallation of this unit or damage to any CD's speakers, accessories, or the vehicle's electrical system.

This warranty does not cover the cabinet appearance or apply to the unit or any part of the unit which, in the opinion of the Manufacturer, has been damaged through alterations, improper installation, mishandling, misuse, neglect, or accident, THE EXTENT OF THE MANUFACTURER'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE, AND IN NO EVENT SHALL THE MANUFACTURER'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL BUYER FOR THE UNIT.

This warranty extends only to the original purchaser of the unit and is not transferable.
Some states do not allow limitations on how long an implied warranty last, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights.

To obtain repair or replacement within the terms of this warranty, the radio is to be delivered with proof of purchase with a description of the defect(s), freight prepaid, to the original dealer or to:

CUSTOMER SERVICE
1803 Century Drive
Goshen, IN 46528
574-534-3167

INPUT Options

Press to select INPUT 1 (Audio Video). This allows units such as Satellite TV, Digital Cameras, VCRs and other audio video equipment to be connected to the ZX500. It may also be used to select the "optional" iPod wall plate or other multi-input wall plates that may be installed in select coaches and trailers.

Press to select INPUT 2 (Audio Only). This allows MP3 players and other audio inputs to be connected to the ZX500. It may also control the "optional" XM Radio wall plate or other multi-input wall plates.

XM Satellite Radio

ZW100 XM WALL PLATE
The ZW100 Wall Plate is an optional plate to be used with the Delphi SKY-Fi or SKY-Fi II XM Radio Satellite Receivers.

INSERTING
To insert the receiver, press the center of the cradle as indicated at right. The cradle will tilt forward so that the satellite receiver can be loaded. Once in the cradle, push the receiver downward to make a positive connection. Do this gently so that no damage to the connections occur.

Push the top of the satellite receiver and cradle back into the wall plate until it locks into place. Use the FUNCTION BUTTON on the ZX500's Main Unit and select INPUT 2 to listen to XM Radio through your entertainment system.

REMOVAL
To remove the SKY-Fi Receiver push at the top center of the unit until the lock releases with a click. Allow the receiver to tilt forward. Lift the receiver straight out of the wall plate.

ZW100 Wall Plate

Subscription Required. Receiver may be sold Separately

IPod Audio/Video Player

ZW150 iPOD WALL PLATE
The ZW150 Wall Plate is an optional plate that can be used with the any "dockable" iPod Audio or Video player.

INSERTING
To use your iPod with the ZW150 wall plate select the appropriate adapter to align your iPod player with the connector. Adapters included with the ZW150 are designed to allow your iPod to fit firmly into the wall plate.

With your iPod mounted in the carrier push the cradle as shown at left and it will tilt forward so that the iPod player with the carrier can be loaded.

Once in the cradle push downward to make a positive connection. Do this gently so that no damage to the connections occur.

Push the top of the iPod player and cradle back into the wall plate until it locks into place. Use the FUNCTION BUTTON on the ZX500 and select INPUT 1 to listen to music or videos from your iPod player.

REMOVAL
To remove the IPod push at the top center of the unit until the lock releases with a click. Allow the IPod to tilt forward. Lift it straight out of the wall plate.

Adapter Plates

iPod Nano   IPod Mini   IPod Video
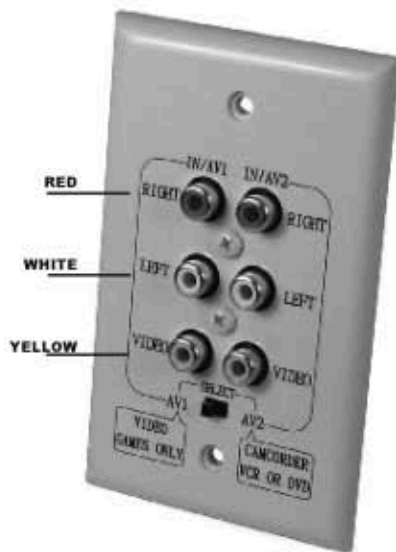
ACCESSORIES

ACCESSORIES
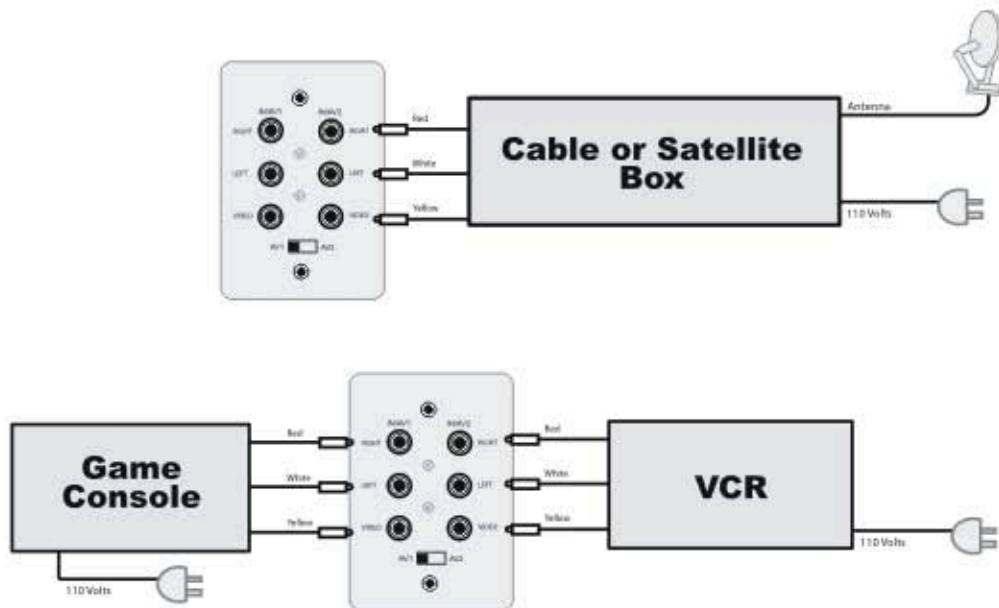
Wall Plates

FR-WP6RCA

This wall plate is used for Games and other Audio/ Video inputs. This plate is connected to INPUT 1 on the ZX500. To use this plate, press the FUNCTION button on the radio panel until Input 1 shows in the display. When using the remote control press the INPUT button. Input 1 will be shown in the display.

Game consoles should be connected to the left side of the plate (IN/AV1). There is a right and left channel for audio and a video connection. Standard audio video cables with RCA male connectors can be used. Using the select switch on the plate select A/V1 to play games.

VCR's, cameras, cable boxes or other audio video inputs can be connected to the right side of the plate (IN/AV2). Move the select switch to A/V2 (to the right) when using this input.

RED
WHITE
YELLOW

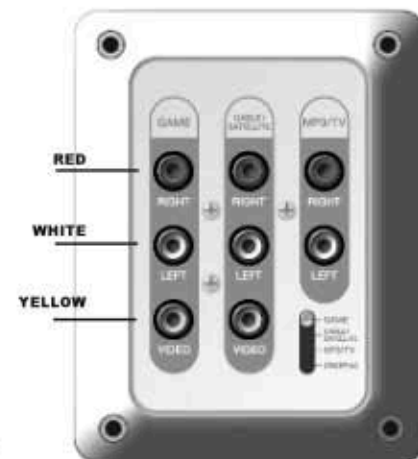### TYPICAL WALL PLATE WIRING HOOKUP

FR-WP8RCA

This wall plate, when installed, is used for multiple inputs. This plate is connected to INPUT 1 on the ZX500. To use this plate, press the FUNCTION button on the radio panel until Input 1 shows in the display. When using the remote control, press the INPUT button. Input 1 will be shown in the display.

Use the "Game" input for games only. Using the switch on the plate select Game.
For Cable or Satellite boxes use the "Cable/Satellite" center position on the plate and select Cable/satellite on the switch

For MP3 players or TV audio Use the right side connections and select MP3/TV on the switch. If the XM Satellite radio wall plate or the iPod wall plate is installed in your trailer or coach with this plate you must select XM/iPod on the switch for them to operate.

RED
WHITE
YELLOW

TYPICAL WALL PLATE WIRING HOOKUP
Note: XM or IPod Wall Plates wired directly to the back of the FR-WP8RCA wall plate.

Cable or Satellite Box

Game Console

VCR

Cable or Satellite Box

Game Console

VCR
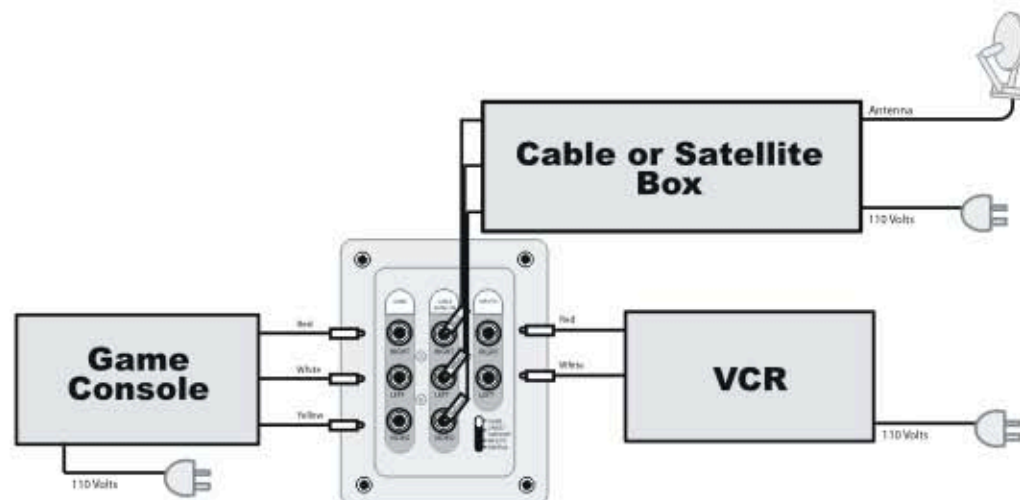
FCC WARNING

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.

NOTE 1: Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE 2: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.