

CONCERTONE®

OPERATING INSTRUCTIONS



Operations Guide

ZX500

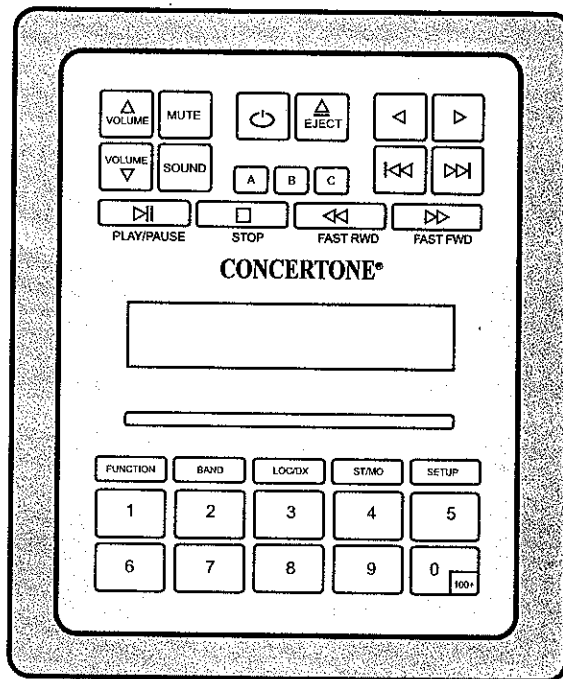
DVD/CD/MP3/TV/AM/FM/WEATHER BAND
HIGH POWER/DIGITAL SURROUND SOUND

Concertone® ZX500

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Concertone® ZX500



ZX500 Features

CD/MP3/DVD Disc Player

Compatible with standard size CD, MP3 and DVD discs (4.75" or 12 cm). The ZX500 will read standard DVD+R, DVD-R and DVD RW discs.

Built-In AM/FM Tuner

27 preset FM stations and 9 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.

Built-In TV Tuner

This unit can receive TV programs being broadcasted by air or from a cable source. An external TV antenna is necessary for air TV reception.

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.

Two Inputs (1 Audio Video and 1 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.

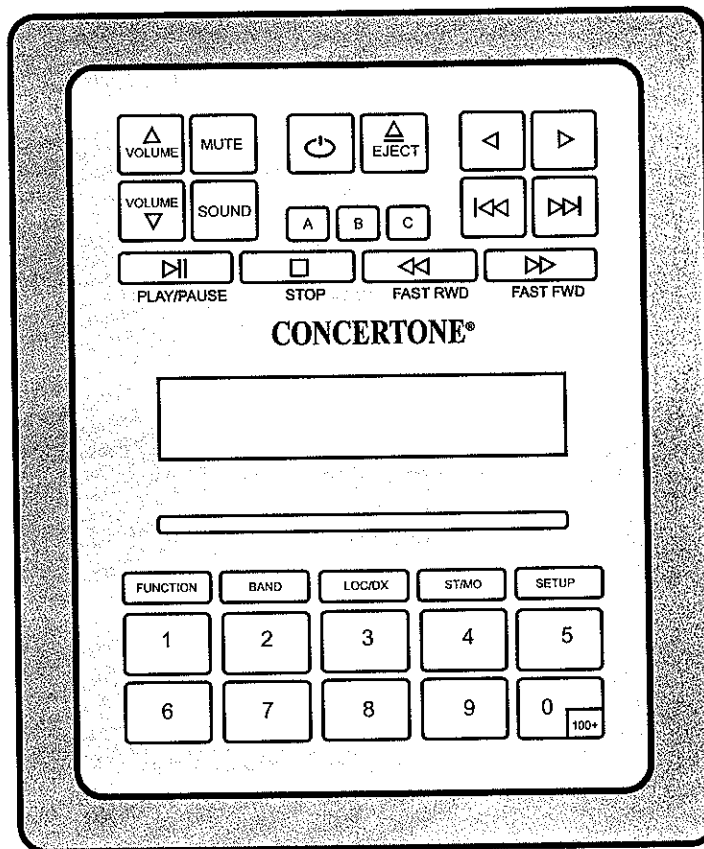
Sound Equalization Control

Allows control of the Bass, Treble, and Balance. Allows the modification of sound into each of the available 3 rooms.

Concertone® ZX500

Basic Keys

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, Bass, Treble and balance. Controls can be modified differently for each room.

Volume: 40 different levels
 Bass: 14 different levels
 Treble: 14 different levels
 Balance: 14 left and right levels.



EJECT

Ejects the disc from the ZX500.



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.



TV: Press these buttons to select next channel higher or lower.



Left and Right Double Arrows

Radio: Press these buttons for station SEEK.



TV: Press these buttons for station SEEK.

Disc: Move to previous track or next track on disc.

Concertone® ZX500

BASIC KEYS

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.
TV: Scan through all higher preset stations.
Disc: Select different levels of fast forward.

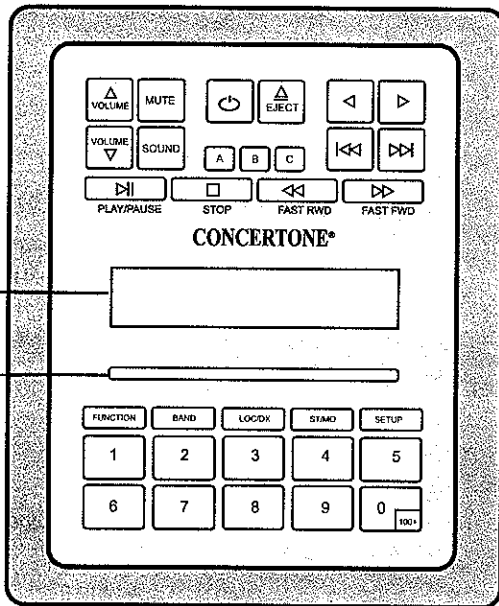
FAST REVERSE



Radio: Scan through all lower preset stations.
TV: Scan through all lower preset stations.
Disc: Select different levels of fast reverse.

DISPLAY

Shows all functions occurring within the ZX500



DISC INSERT

Unit holds a single disc. The disc inserts and ejects from this opening.

FUNCTION



Select between INPUT 1, INPUT 2, DISC, TV or RADIO.

BAND



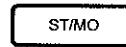
Allows you to select FM1, FM2, FM3, AM or Weather Band.

LOC/DX



Radio: Press to select radio sensitivity. LOC for local stations. DX for distant stations. DX may improve reception.

ST/MONO



Press to select stereo or mono sound on FM bands only.

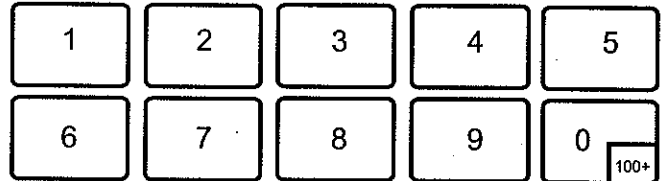
SETUP



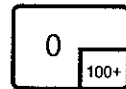
Press for TV or DVD setup menu.

0-9 NUMBERS

Radio: Press to select preset stations. For details on setting preset stations, please see page 6.
TV: Press the corresponding station number for channel display. For single digit stations press "0" before each number.
Disc: Selects different tracks on CD and different chapters on DVD.



100+

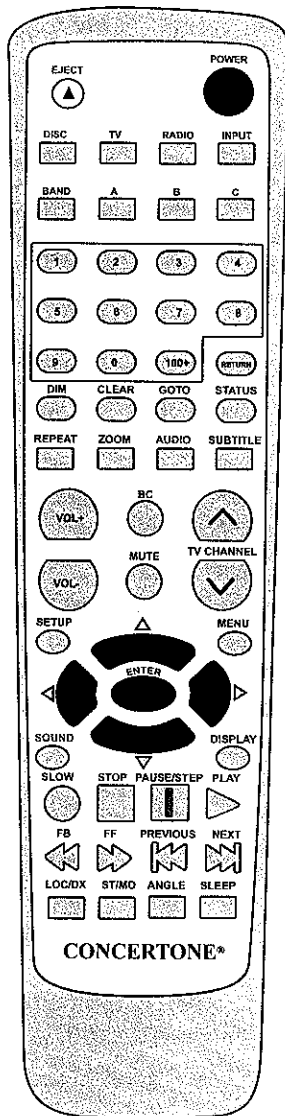


Radio: N/A.
TV: Press the 100+ area on the "0" button to select channels higher than 100.
Disc: Press the 100+ area on the "0" button to select tracks numbered higher than 100 on MP3s.

Concertone[®] ZX500

Remote Control Keys

REMOTE



POWER



POWER

Turns the power on and off.

EJECT



EJECT

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

DISC



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.

TV



TV

This button selects the TV.

RADIO



RADIO

This button selects the Radio.

INPUT



INPUT

Press to select INPUT 1 (Audio Video) or INPUT 2 (Audio Only). For a more information see page 22 through 23.

BAND



BAND

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

A



B



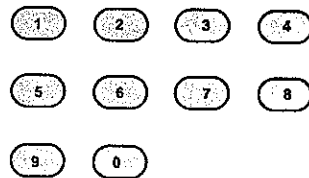
C



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 6.

TV: Press the corresponding station number for channel display. For single digit stations press "0" before each number.

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



100+

Radio: N/A.

TV: Press the 100+ area on the "0" button to select channels higher than 100.

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



RETURN

TV Only - Returns to previously selected channel.



DIM

Selects three levels of brightness for the ZX500 unit's display area.



CLEAR

Pressing the CLEAR button defaults to factory settings.



GOTO

Press to play the disc from the point requested.

STATUS



STATUS

Press to view the status of the DVD or CD that is currently playing.

REPEAT



REPEAT

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

ZOOM



ZOOM

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

AUDIO



AUDIO

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

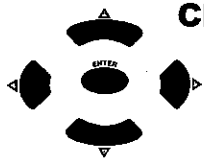
SUBTITLE



SUBTITLE

DVD Only - Selects subtitle and language dependent on availability on DVD.

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



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

BC



Pressing the BC button defaults to factory settings.

TV CHANNEL UP/DOWN



After Auto-Seek, press to go to next higher or lower TV station.

SETUP



Press for TV or DVD setup menu.

MENU



DVD Only - Selects upper menu.

SOUND



SOUND

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

DISPLAY



DISPLAY

Press to view the status of the DVD or CD that is currently playing.

SLOW



SLOW

Slows on-screen action in DVD.

STOP



STOP

Press to stop play.

PLAY



PLAY

Press to play.

PAUSE/STEP



PAUSE/STEP

Press to pause play. Press again to move forward one frame at a time. Press to PLAY to resume.

FB



FF



FAST REVERSE/FORWARD

Press to select different levels of Fast Reverse or Forward. Press play to resume selection.

PREVIOUS



NEXT



PREVIOUS/NEXT

TV/Radio Mode: Press to select higher or lower stations.

Disc: Press to select previous or next track or chapter.

LOC/DX



LOC/DX

Radio: Press to select radio sensitivity. LOC for local stations. DX for distant stations. DX may improve reception.

ST/MO



ST/MONO

Press to select stereo or mono sound on FM bands only.

ANGLE



ANGLE

DVD: Press to select different camera angles if available.

SLEEP



SLEEP

Selects timing for delayed turn-off mode. Available increments 10, 20, 30, 40, 50, 60, 70, and 0 minutes.

Concertone® ZX500

Radio Using The Main Unit

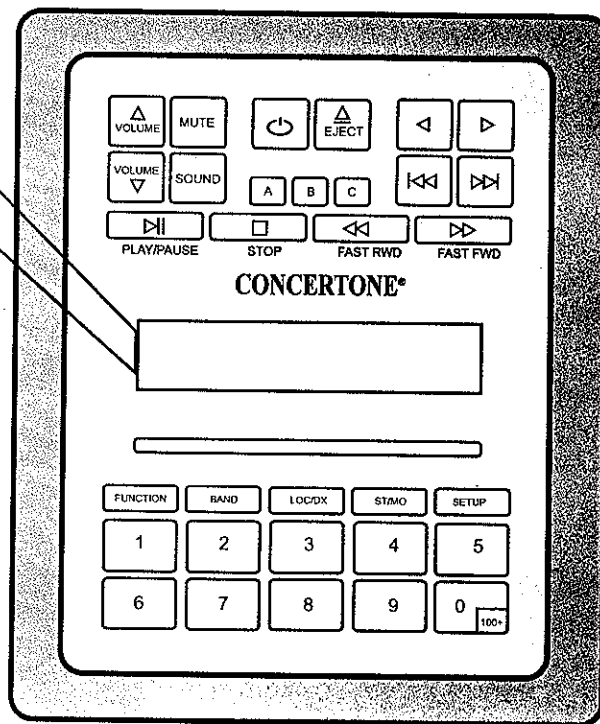
6FM3 89.3

1. 2. 3.

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

1. Preset Number Indicator: Indicates the preset station is selected.
2. Band Indicator: Indicates the radio band. AM, FM 1, 2, 3 or Weather Band
3. Frequency Indicator: Indicates the radio frequency.

The radio is divided into four bands; FM1, FM2, FM3 and AM. There are 9 positions available for each band to preset favorite stations.



RADIO

FUNCTION

How to select the Radio Reception Mode

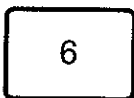
Push the BAND button and the unit switches to Radio immediately. Or, push the FUNCTION button until RADIO shows on the digital display.

BAND

BAND

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

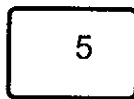


HOLD Until Blinking

BAND

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

Quickly push the FAST RWD button. The unit will begin searching until the next available station from lower to higher frequency is found. When a station is found, the unit will play it for 5 seconds to let the user have the option of continuing to search or selecting the next station. When the unit is auto searching, pushing FAST RWD again will release the unit from this function.

Auto Scan

Push and **Hold** FAST FWD button longer than 3 seconds, the unit will select AUTO SCAN function.

The difference between Auto Seek and Auto Scan is Auto Scan will automatically preset any available station in order, from low to high until all the preset positions have been filed. However, the Auto Seek function will not store stations.

Note: To prevent the loss of favorite preset stations when pushing FAST FWD in error the Auto Scan function can only be reset if the FAST FWD button is held more than 3 seconds

LOCAL/DISTANCE (LOC/DX)

This unit is able to automatically determine whether the signal from a radio station is too strong. When the signal is too strong, the audio output may become distorted. A strong signal is automatically reduced to keep the output clean. LOC will show briefly on the digital display. Normal signal strength does not need to be reduced. LOC will not appear when set automatically. Local can be set manually with the LOC/DX button

ST/MONO

Pressing this function allows the user to determine whether to play the FM station in stereo or mono. Mono may improve a weak FM stereo signal.

Weather Band Reception

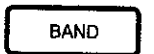
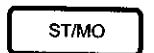
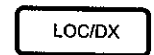
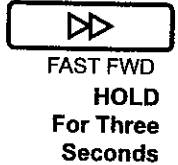
Press the [BAND] button to select the Weather Band.

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 22.

UNIT KEYS



Concertone® ZX500

Radio Using The Remote Control

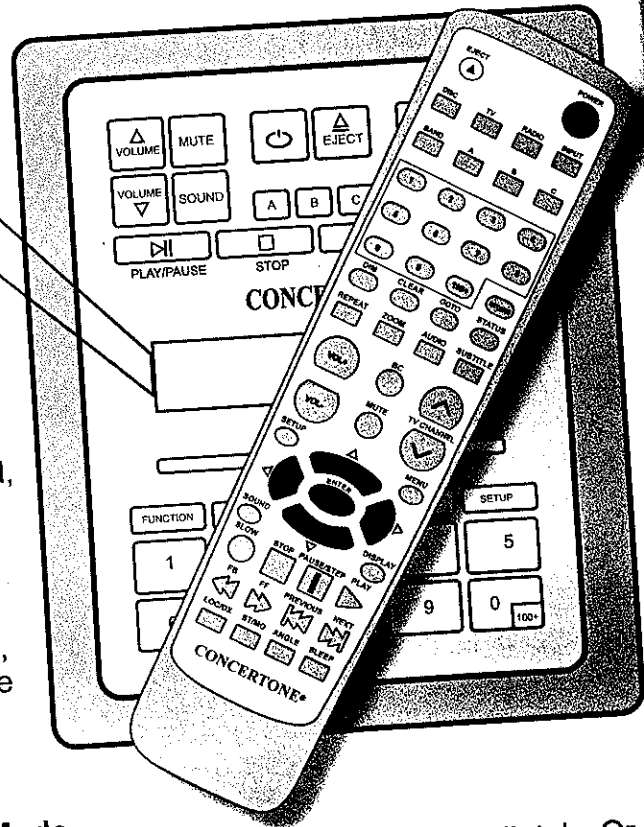
6FM3 89.3

1. 2. 3.

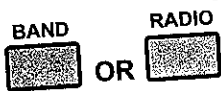
It is important to understand what is shown on the digital display:

1. Preset Number Indicator: Indicates the preset station is selected.
2. Band Indicator: Indicates the radio band. AM, FM 1, 2, 3 or Weather Band
3. Frequency Indicator: Indicates the radio frequency.

The radio is divided into four bands; FM1, FM2, FM3 and AM. There are 9 positions available for each band to preset favorite stations.



REMOTE KEYS



How to select the Radio Reception Mode

Push the RADIO or BAND button and the unit switches to Radio immediately. Or, push the FUNCTION button until RADIO shows on the digital readout.



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 UP or DOWN 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 been preset



UP DOWN



HOLD Until Blinking



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 display, and then push the No. 5 button.



Manual Tune Up or Down

Push either key to move the station selection up or down.



UP DOWN

Auto search for an available station

Push to auto search for an available station at a lower or higher frequency. When function is selected, the unit will stay at the selected station until another function is selected.

PREVIOUS

NEXT



RADIO

Auto Seek through all the ranges of the FM or AM bands

Quickly push the FB button. The unit will begin searching until the next available station from lower to higher frequency is found. When a station is found, the unit will play it for 5 seconds to let the user have the option of continuing to search or select the current stations. When the unit is auto searching, pushing any button will release the unit from this function.

REMOTE
KEYS

FB



Auto Scan

Push and **Hold** FF button longer than 3 seconds, the unit will select AUTO SCAN function.

The difference between Auto Seek and Auto Scan is Auto Scan will automatically preset any available station in order, from low to high until all the preset positions have been filed. However, the Auto Seek function will not store stations.

FF



HOLD
For Three
Seconds

Note: To prevent the loss of favorite preset stations when pushing FF in error the Auto Scan function can only be reset if the FF button is held more than 3 seconds

RADIO

LOCAL/DISTANCE (LOC/DX)

This unit is able to automatically determine whether the signal from a radio station is too strong.

When the signal is too strong, the audio output may become distorted. A strong signal is automatically reduced to keep the output clean. LOC will be shown on the digital display.

Normal signal strength does not need to be reduced. LOC will not appear when set automatically. Local can be set manually with the LOC/DX button

LOC/DX



ST/MONO

Pressing this function allows the user to determine whether to play the FM station in stereo or mono. Mono may improve a weak FM stereo signal.

ST/MO



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.

BAND



XM Satellite Radio (optional)

See page 22.

Concertone® ZX500

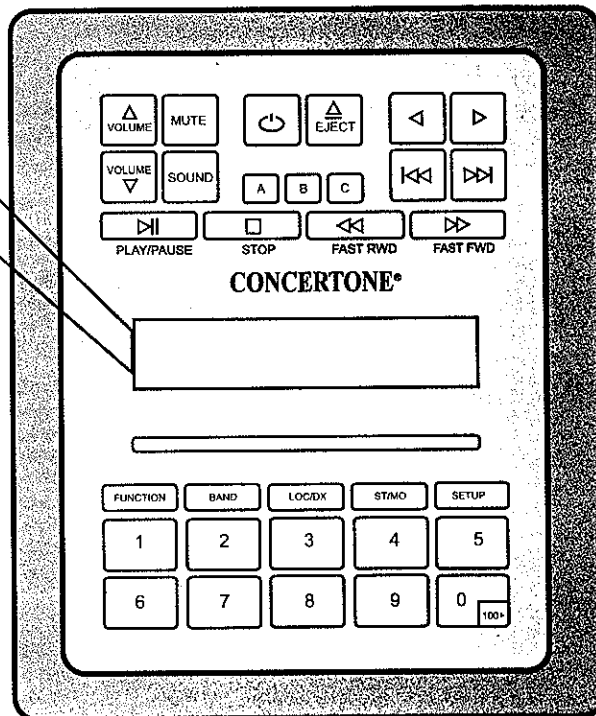
DVD/WMA/CD/MP3 Using The Main Unit

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



To Load a Disc

There are several ways to select and load a disc into the ZX500.

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.

Note: If you have chosen "Last Memory ON" in the General Setup Menu Page your disc will start where you turned it off at and NOT the beginning of the disc.

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.

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.

Stop

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

Fast Forward / Fast Reverse

Regardless of whether you use Fast Forward or Fast Reverse, there are 6 different speeds to select from: 1X_2X_4X_8X_16X_32X

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

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.

UNIT KEYS



DVD

CD

MP3

WMA

Concertone® ZX500

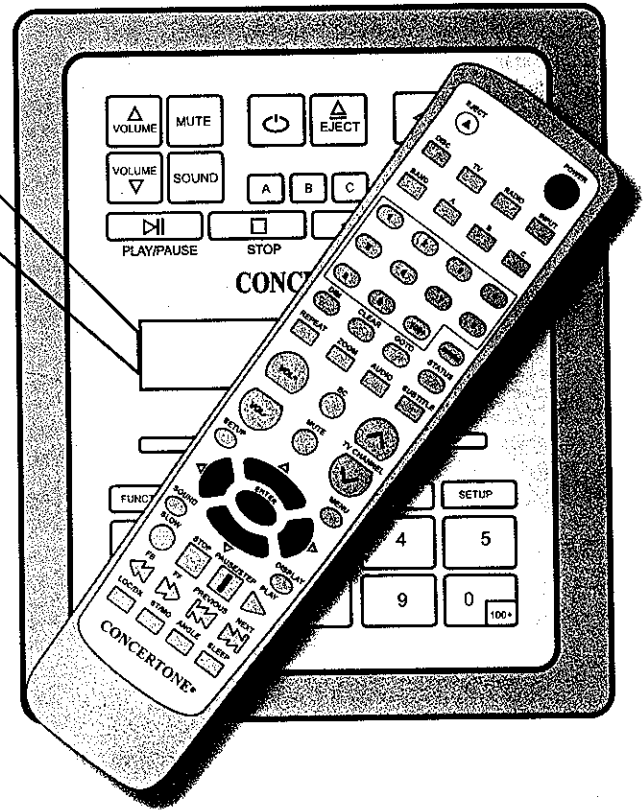
DVD/WMA/CD/MP3 Using The Remote Unit

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.



DVD

CD

MP3

WMA

REMOTE KEYS

To Load a Disc

No matter which function is playing, when a disc is inserted into the unit, it will switch directly into Disc Play function.

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 LOADING 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.

PLAY



PLAY/PAUSE/STEP

When a Playback Control exists, the user needs to push the Play button to start to play the disc.

PAUSE/STEP



PAUSE/STEP

Press the PAUSE/STEP button, the unit will pause the disc. Press PAUSE/STEP moves the scene on the DVD one frame forward. To release PAUSE/STEP press PLAY.

STOP



STOP

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

FAST FORWARD/FAST REVERSE

FB



FF



Regardless of whether you use Fast Forward or Fast Reverse, there are 6 different speeds to select from: 1X_2X_4X_8X_16X_32X

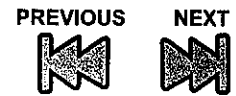
To select a normal speed, push the PLAY button. The unit will immediately play the disc at a normal speed.

Concertone® ZX500

REMOTE KEYS

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.



REPEAT

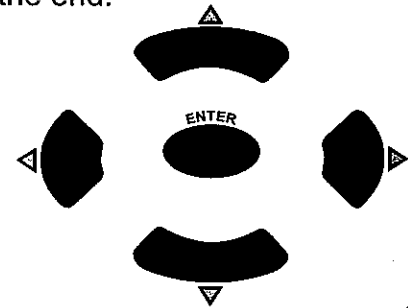
The REPEAT button on the remote control offers three options:

1. Push the button once, and the unit will play the current track continuously.
2. Push the button again, and the unit will play the whole disc from the beginning to the end continuously.
3. Pushing the button for the third time, the unit will play the disc until the end.



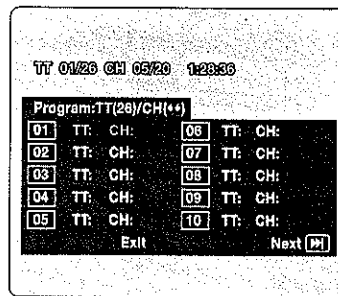
How to Use the Cluster Buttons and Enter on the Remote Control.

- 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



PROGRAM

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



ZOOM

DVD Only - enlarges the picture beyond the preset screen size. Pressing ZOOM again 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.



SUBTITLE

DVD Only - Selects subtitle and language dependent on availability on DVD



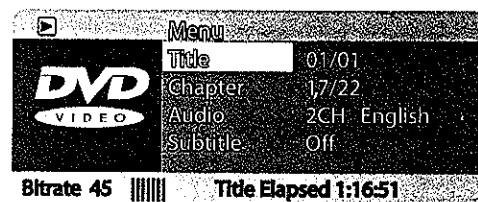
STATUS

DVD Only - Shows the current DVD play information.



GOTO

DVD Only - The GOTO menu shown at right allows you to change the title, chapter, audio and subtitle using the cluster buttons.



ANGLE

DVD Only - Some DVDs allow you to change the reference angle on the screen. An example would be to change from a straight on view to viewing from above.



SLOW

DVD Only - Slows the action of DVD on the screen. 2X, 4X, 8X, 16X.



Concertone® ZX500

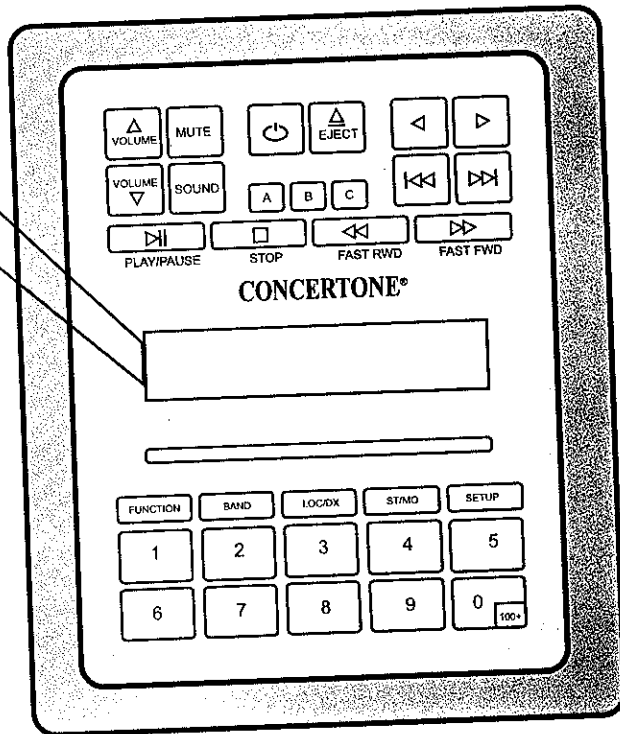
Television Using The Main Unit

AIR CH 4

- 1.
- 2.

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

1. Source Indicator: Indicates the Broadcast type including: Antenna (AIR) or Cable (CBL).
2. Channel Indicator: Indicates the channel.



UNIT KEYS

FUNCTION

How to select the Television Mode

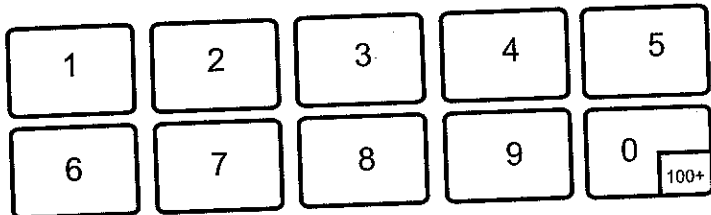
Push the Function button until TV mode is highlighted.

How to change stations

There are several ways to change the television stations.

- A. The easiest way is to use the channel up and channel down buttons. Without the Auto Search buttons being selected, the TV Channel buttons will only go up or down one number channel at a time (1,2,3,4,5,6....).

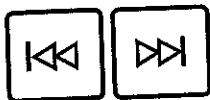
Note: Once the Auto Search button has been selected (see Auto Search next page) and all of the available channels have been found and stored into memory, the TV Channel buttons will advance to the next available station.



- B. Manual Station Selection: You can also manually select the television station. For stations higher than 100 you can either press 3 numbers in a row such as 112 or you can hit the 100+ button and an additional 12.

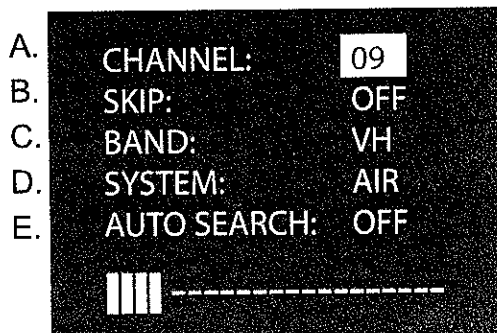
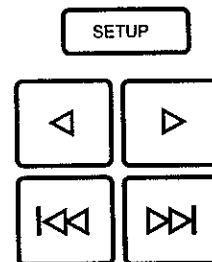
Auto Search

Pressing these buttons will search all pre-programmed TV stations.



TV SETUP

In Television function the SETUP is automatic but several options can be adjusted for additional control. Below is a rendering of what will appear on the monitor once SETUP is selected. You can move up and down and left and right using the buttons shown on the right.



Overview of Television SETUP options

- A. Channel: This indicates the current channel selected.
- B. Skip: This function allows you to skip the channel selected.
- C. Band: Indicates what type of broadcast source the signal is coming from. VH indicates VHF or Very High Frequency. UH indicates UHF or Ultra High Frequency.
- D. System: Indicates type of broadcast - AIR or CABLE.
- E. Auto Search: You can also perform the Auto Search function from this Setup screen. The bars located at the bottom of the screen will show the progress of the search.

Concertone® ZX500

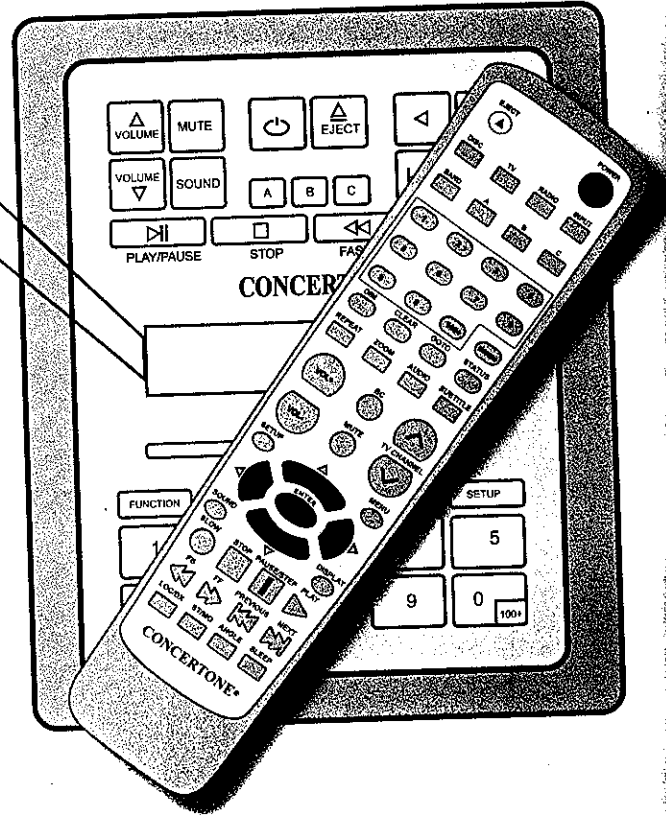
Television Using The Remote Unit

AIR CH 4

1. 2.

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

1. Source Indicator: Indicates the Broadcast type including: Antenna (AIR) or Cable (CBL).
2. Channel Indicator: Indicates the channel.



UNIT KEYS



How to select the Television Mode

Push the Function button until TV mode is highlighted.

How to change stations

There are several ways to change the television stations.

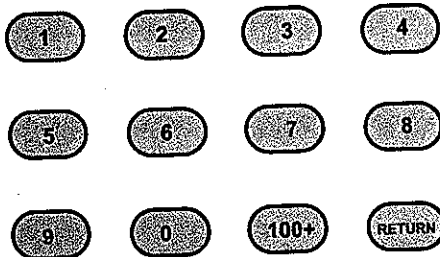
- A. The easiest way is to use the channel up and channel down buttons. Without the Auto Search buttons being selected, the TV Channel buttons will only go up or down one number channel at a time (1,2,3,4,5,6....).



TV CHANNEL



Note: Once the Auto Search button has been selected (see Auto Search next page) and all of the available channels have been found and stored into memory, the TV Channel buttons will advance to the next available station.



- B. Manual Station Selection: You can also manually select the television station. For stations higher than 100 you can either press 3 numbers in a row such as 112 or you can hit the 100+ button and an additional 12.

RETURN: Returns to previously selected tv stations.

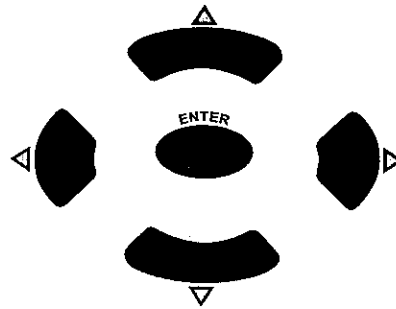
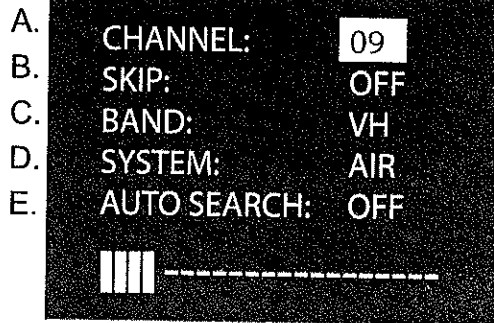
TV SETUP

UNIT
KEYS

SETUP



In Television function the SETUP is automatic but several options can be adjusted for additional control. Below is a rendering of what will appear on the monitor once SETUP is selected. You can move up and down this menu with the left and right and up and down using the cluster buttons.



Overview of Television SETUP options

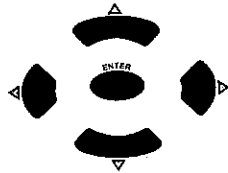
- A. Channel: This indicates the current channel selected.
- B. Skip: This function allows you to skip the channel selected.
- C. Band: Indicates what type of broadcast source the signal is coming from. VH indicates VHF or Very High Frequency. UH indicates UHF or Ultra High Frequency.
- D. System: Indicates type of broadcast - AIR or CABLE.
- E. Auto Search: You can also perform the Auto Search function from this Setup screen. The bars located at the bottom of the screen will show the progress of the search.

Concertone® ZX500

System Setup Using Both Main and Remote Unit



Press the SETUP button on the unit or remote control when the unit is in the Disc Player mode. The screen will display the System Setting Menu. It is best to navigate using the remote controls cluster buttons.



There are five menus on the System Setting Menu.

The General Setup Page will be the first to be displayed on the screen. Using the Cluster buttons navigate the five root menus as:

- General Setup (Monitor with wrench image)
- Audio Setup Page (Speaker image)
- Video Quality Setup (Movie Reel image)
- Password Setup Page (Lock image)
- Exit Setup Menu (X image)

Once the desired root menu is found, press ENTER on remote to confirm the selection of this menu. The ENTER button is the oval in the center of the cluster buttons. The cursor, a light yellow bar, will cover the first sub-menu under the selected root menu.

If there is more than one sub-menu under the root menu, then use the cluster buttons to navigate in the sub-menus.

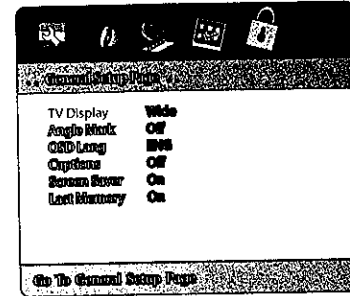
After selecting the desired sub-menu, press ENTER to confirm the selection, or press the left cluster button to escape from sub-menu.

Under the selected sub-menu, there are several Options from which to choose:

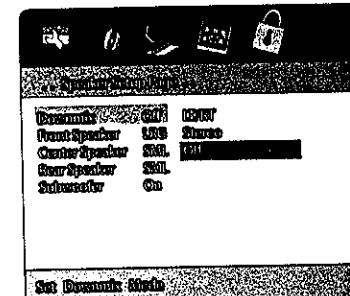
Press the cluster buttons to navigate to desired option and press ENTER to confirm choice. Press the left cluster button to move from Options to Sub-menu, press again to return to Root Menu.

Video Quality Setup Page

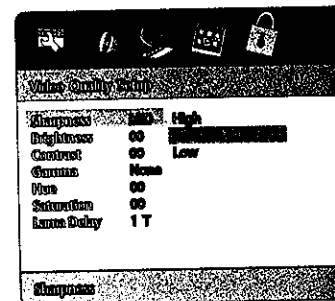
This part is to help users adjust video picture quality such as sharpness, brightness, contrast, hue, saturation and so on. Also, CONCERTONE suggests that it is better to keep the status of the video quality Setup at Factory Mode.



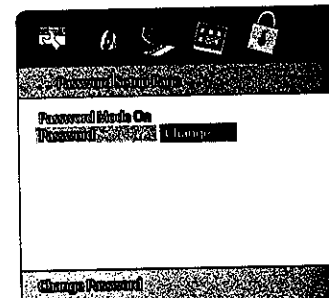
General Setup Page



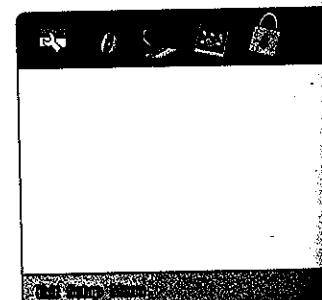
Audio Setup Page



Video Quality Setup Page



Password Setup Page



Exit Screen

System Setup Glossary

Angle Mark

- Allows viewing from different angles if DVD has this feature available. There are two options, ON or OFF

Audio Setup Page

- There is a Sub-menu, Speaker Setup, available to set-up the audio output for the speakers. CONCERTONE® suggest that it is better to keep the status of Speaker Setup at Factory Mode.

Captions

- The hidden subtitles that are shown on screen

Default

- This sub-menu is for clearing all the set-ups and changes the unit back to the original factory settings. Note: The Preference Page is only available when the unit has a DVD disc playing.

Last Memory

- Last Memory function means the unit will search and continue to play at the point where the disc was stopped or removed if the Last Memory function is on. There are two options, ON or OFF in this sub-menu.

Normal/LB

- Displays the video picture also in 4:3. You May not lose parts of the picture on left and right sides when the format of video or disc is recorded in 16:9 ratio but may lose the top and bottom of the picture.

Normal/PS

- Displays the video picture in 4:3 aspect ratios. You may lose parts of picture on left and right sides when this format of a video disc is recorded in 16:9 ratio. Top and bottom of the screen will remain the same.

OSD Lang

- (On screen display language) the three languages to choose from in the sub-menu for the System Operating instructions are English, French and Spanish.

Parental

- This sub-menu is for setting up limitations for playing discs to protect children from violent or unsuitable contents. There are 8 settings from Kids to Adult.

Password Setup Page

- This menu allows owner to set up a personal password to prevent potential unsuitable usage. With this function, the owner can choose to turn the password mode ON or OFF or change the old password to a new one. Note: There is a standard password which always works: 123456.

PBC

- Playback Control. A special feature on Video CD or Super VCD that enables interactive use. There are two options, ON or OFF in this menu. CONCERTONE suggests that you leave this control set in the factory mode.

Screen Saver

- The background screen in disc mode can be turned ON or OFF

TV Display

- Video format of a disc could be recorded in two different aspect ratios: 4:3 or 16:9. Under TV Display sub-menu, there are three options to choose from to display the picture for your personal preference.

TV Type

- This is for setting up the TV system used. CONCERTONE suggest that you leave this control set in the factory mode.

Wide

- Displays picture in 16:9 ratio. CONCERTONE® suggests that you leave this control set in the Wide setting. IMPORTANT NOTICE: The display aspect ratio on the monitor also depends on the aspect ratio of the screen or monitor. Some discs do not allow changing of the TV aspect ratio. For details, please refer to the disc's instruction.

Concertone® ZX500

ZX500 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
Video	
Video Output Level	1V P_P +/-0.2V
Video Output Resolution	More than 500 lines
Tone Control	
Bass	+12dB (100Hz)
Treble	+7dB (10K Hz)
FM Frequency Range	87.5 MHz – 107.9 MHz
AM Frequency Range	530 kHz – 1,710 kHz
TV Tuner	NTSC
Air	2-69
CATV	2-125
Preset Stations	
FM	27
AM	9

This unit has a 6 Volt 1 Amp DC output to power the iPod Wallplate.

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 CONCERTONE 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.

Concertone® ZX500

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

CONCERTONE® warrants to the original retail purchaser of this unit that it 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 CONCERTONE'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/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 CONCERTONE®, has been damaged through alterations, improper installation, mishandling, misuse, neglect, or accident, THE EXTENT OF CONCERTONE®'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE, AND IN NO EVENT SHALL CONCERTONE®'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:

CONCERTONE®

1803 Century Drive

Goshen, IN 46528

574-534-3167

SYSTEM

Concertone® ZX500

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

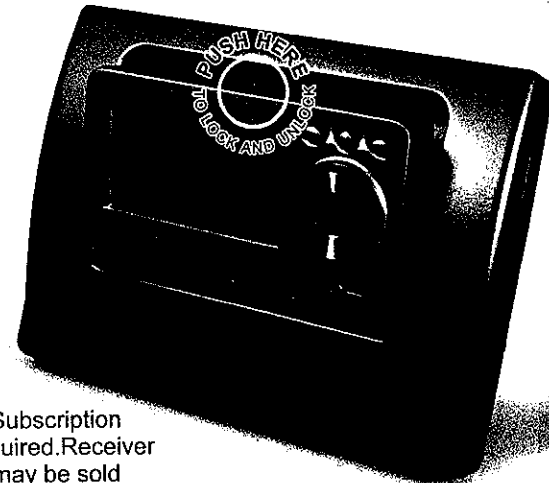
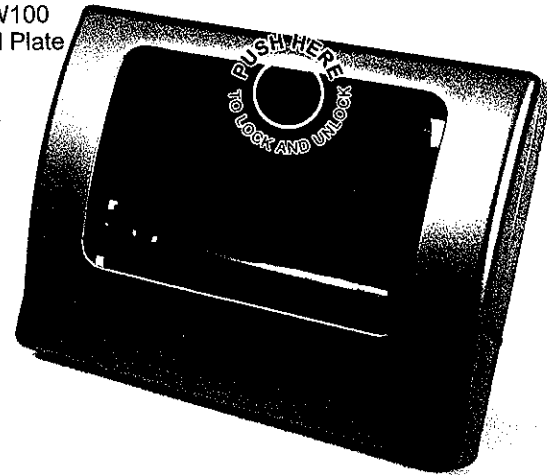
To insert the receiver, press the center of the cradle as indicated at right. The cradle will tilt forward so that the satellite receiver can be loaded. Once in the cradle, push the receiver downward to make a positive connection. Do this gently so that no damage to the connections occur.

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.

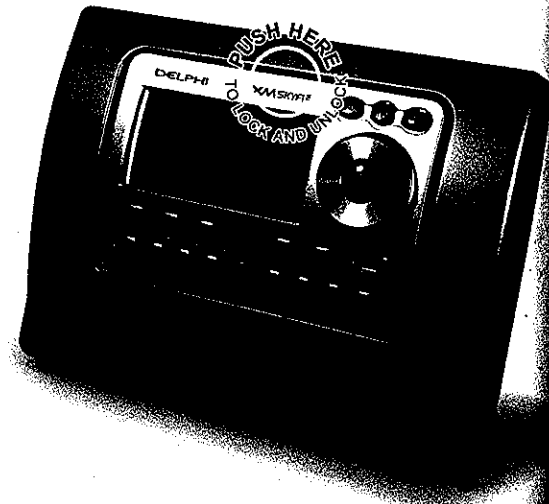
REMOVAL

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.

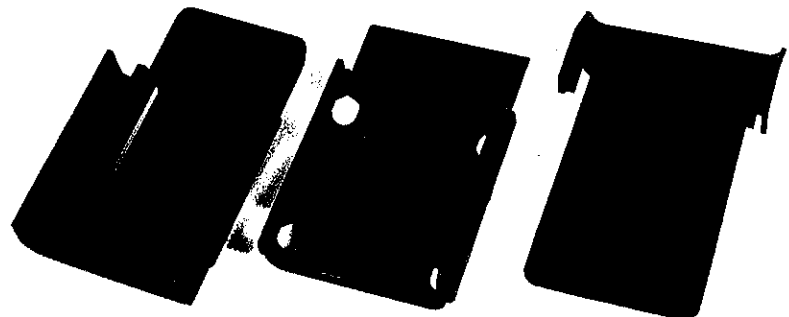
Once in the cradle push downward to make a positive connection. Do this gently so that no damage to the connections occur.

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

Concertone® ZX500

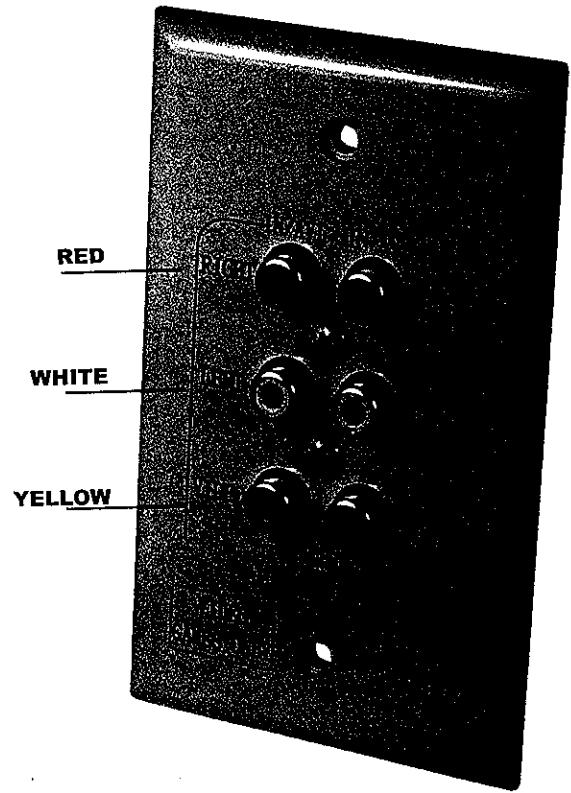
Wall Plates

FR-WP6RCA

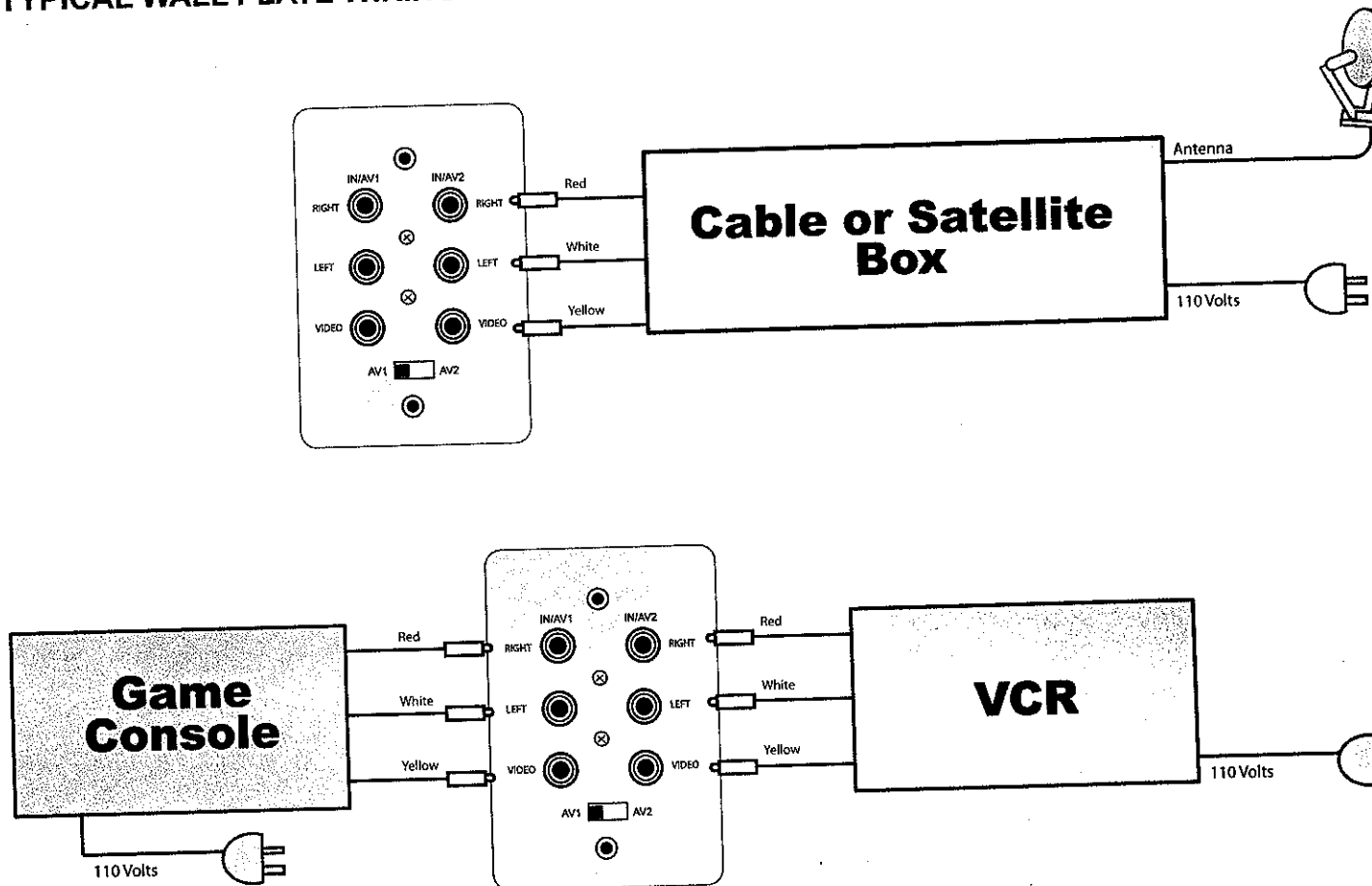
This wall plate is used for Games and other Audio/Video inputs. This plate is connected to INPUT 1 on the ZX500. To use this plate, press the FUNCTION button on the radio panel until Input 1 shows in the display. When using the remote control press the INPUT button. Input 1 will be shown in the display.

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 AV1 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 AV2 (to the right) when using this input.



TYPICAL WALL PLATE WIRING HOOKUP



Concertone® ZX500

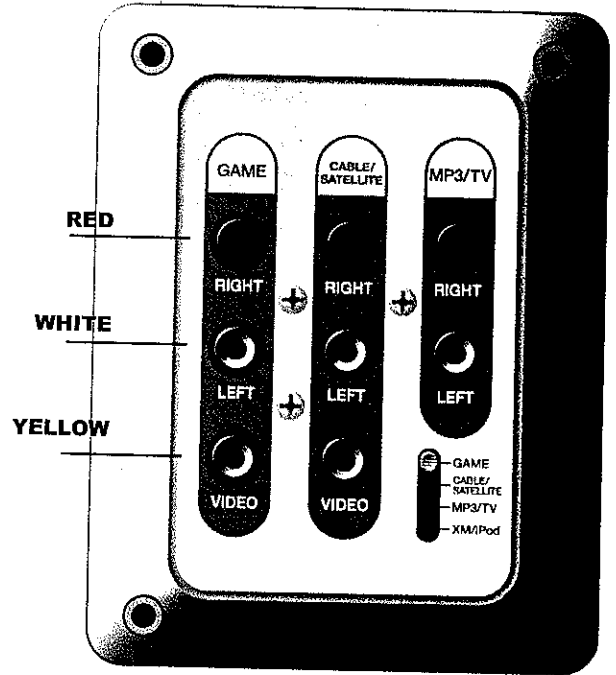
FR-WP8RCA

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.

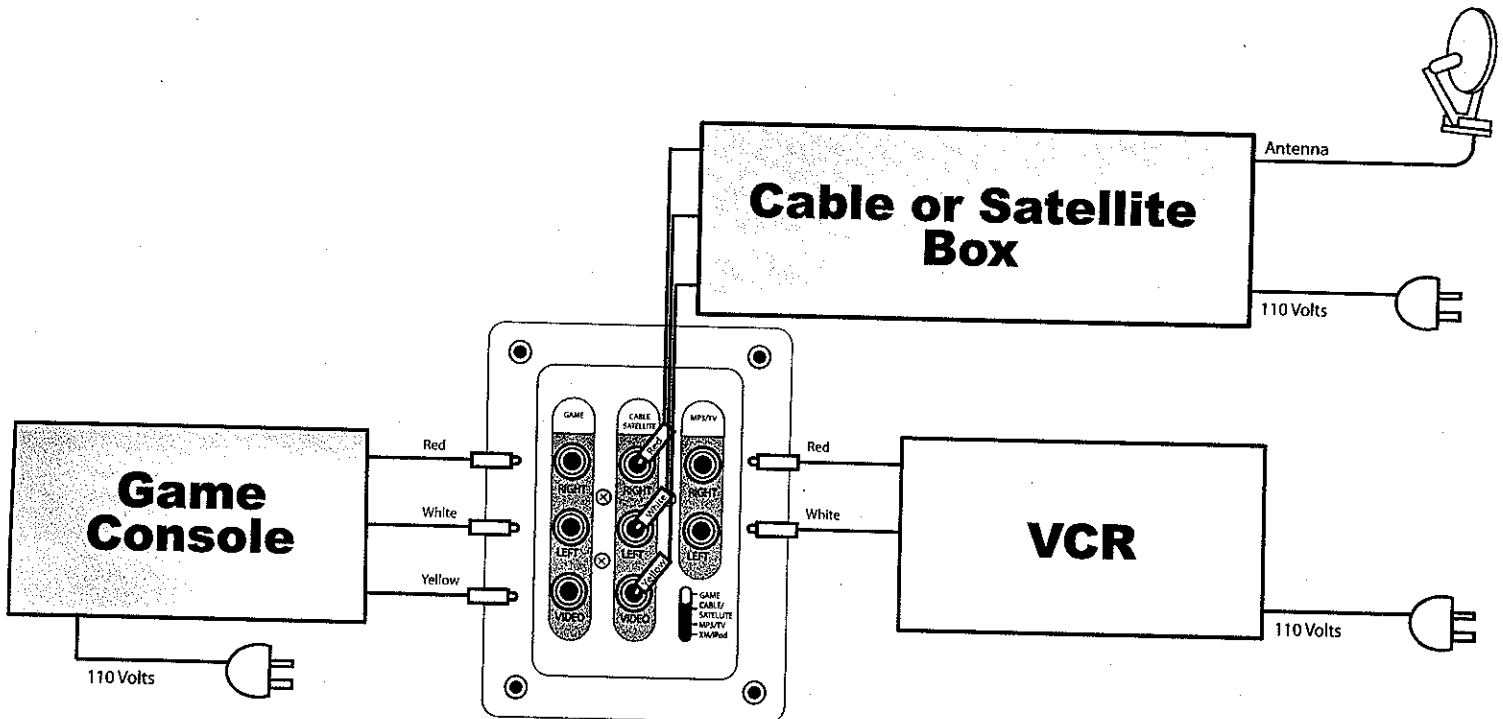
For Cable or Satellite boxes use the "Cable/Satellite" center position on the plate and select Cable/satellite on the switch.

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.



TYPICAL WALL PLATE WIRING HOOKUP

Note: XM or iPod Wall Plates wired directly to the back of the FR-WP8RCA wall plate.



CONCERTONE®

OPERATING INSTRUCTIONS

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

CONCERTONE

**1803 Century Drive
Goshen, IN 46528
574-534-3167**

CT-ZX500-090706