

# ATK2010

## Rear Seat Entertainment System

### Owners Manual



ATOM

ENTERPRISES, INC

# ATK2010 Owners Manual

## English

English

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For any questions, please call customer service (855) 574-2866  
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## General Information

Please read this instruction manual carefully.

Poor road conditions can cause problems with some media playback.

In cold environments, the screen may sometimes display distortion. This is normal.

## Safety Information

For safety reasons, it is recommended that media is only changed when vehicle is stationary. Children should not be permitted to unfasten their seatbelt to function the system/change media. System can be functioned using the remote control with seatbelts fastened.

The use of headphones at high volume can cause permanent damage to hearing. To avoid hearing damage, set the volume to low before using them.

It is unlawful, in most jurisdictions, and unsafe to drive a motor vehicle which is equipped with a video display that is visible, directly or indirectly, by the driver while moving. This system should never be installed where visible by the driver.

## General Characteristics

- 10.1" LED LCD display
- 1024 x 600 Resolution
- Slot load DVD player
- USB 2.0/2 amp charge
- Miracast/DLNA (wireless connection to smartphone, etc)
- Front capacitive touch controls
- Support IR headphones/remote control
- Analog A/V input-1/8" Jack
- Stereo headphone output-1/8" Jack
- FM Transmitter (88.5-107.5 MHZ)

## Caution

Do not operate the system without the vehicle running, as it may cause the battery to drain. Please make sure the system is turned off when the vehicle is not running.

## Cleaning and Care

Clean your rear seat entertainment system with a soft, dry cloth. For stubborn deposits, a mild cleaning agent may be used. Wipe off and finish with a dry cloth.

Please note that strong cleaning agents, such as alcohol, thinners, benzene, insecticides, may cause damage to the system and should never be used.




## Supported Media

### Supported disc media

Before inserting media, ensure that it is compatible with the system. Please note that the following data media is NOT compatible with the system:

- Optical data media (CD-1, CD-ROM, DVD-ROM)
- Mini disc

### Disc types that are compatible

Symbol	Disc Type
	Video DVD
	Audio CD (ie: CD-R with MP3, MPEG, WMA, or JPG files)
	Video CD

### Country code restrictions

If the country code on a DVD disc does not match the system country code, the DVD cannot be played.

Region	Countries in this region
1	Canada, USA, US territories
2	Japan, Europe, South Africa, Middle East (including Egypt)
3	South East Asia, East Asia (including Hong Kong)
4	Australia, New Zealand, Pacific Islands, Central America, Mexico, South America, Carribean
5	Former Soviet Union, (also North Korea, Mongolia), Indian subcontinent, Africa
6	China

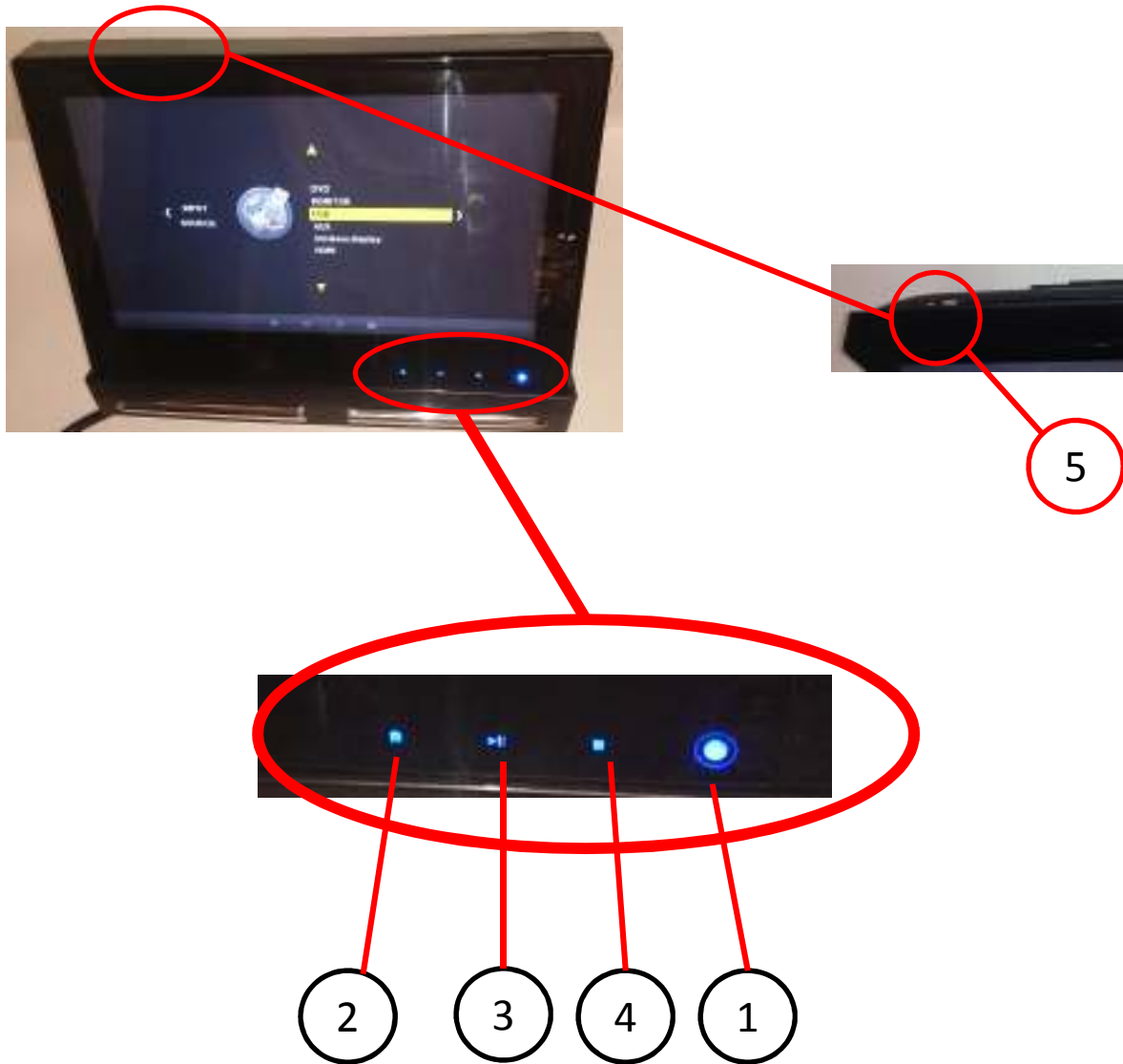
### Supported USB media files

MP3,WMA,OGG,MPE,MPG,MPEG,AVI, DIV,VID,VOB,JPG,JPEG, AAC, M1V, M2V, OGM.

### Supported HDMI/MHL input

- HDMI media from any HDMI output Device
- HDMI media from MHL compatible device (ie: MHL compatible smartphone, MHL compatible tablet, etc) NOTE: only certain devices are MHL compatible and may require special cables/adapters (please check with the device manufacturer)

# Panel Control Buttons/Disc slot



1. Power button-turns system power on/off.
2. Source button-select media source for playing media (ie:DVD, AV input, MHL/HDMI, Wireless screen mirroring, USB)
3. Play/Pause-starts/pauses media source selected.
4. Stop-stops media that is playing.
5. Eject-ejects disc

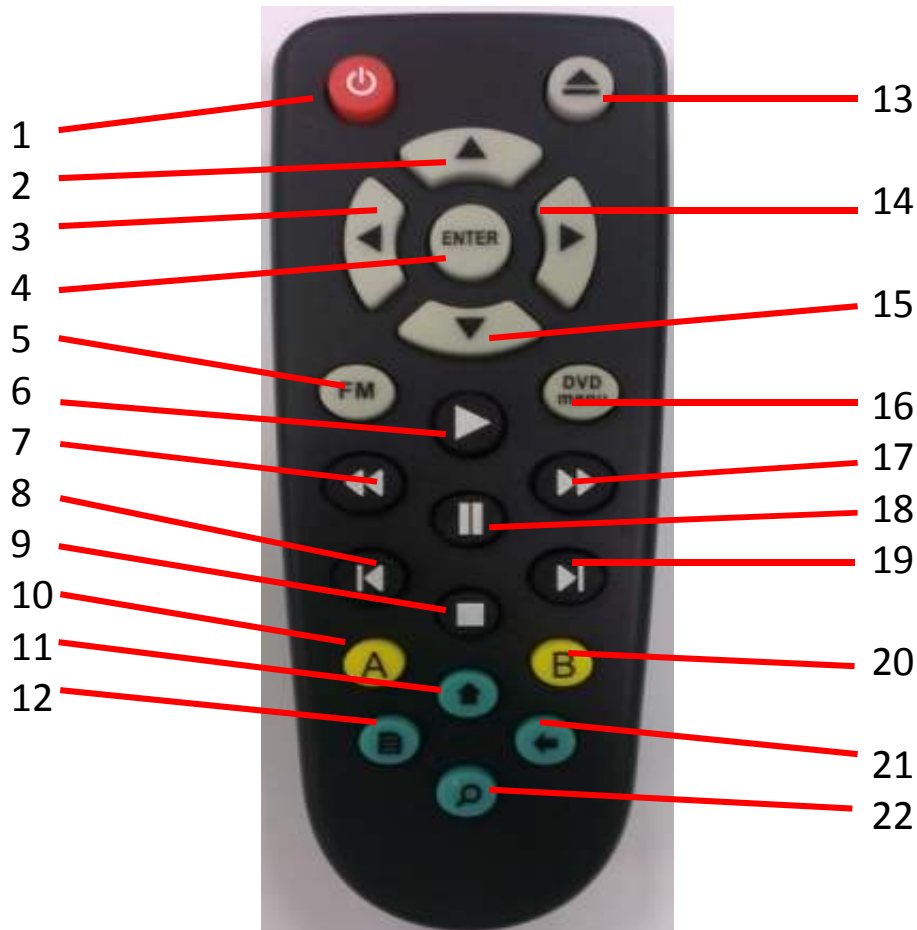
# Inputs/Outputs



1. HDMI input (MHL compatible)
2. USB 2.0 input (2 amp charging)
3. Headphone jack output (wired)
4. A/V input jack (analog 3.5MM)
5. Disc slot

## Remote Control Buttons/Functions

To control monitor A, press the A button first. To control monitor B, press the B button first.  
(SEE WIRELESS HEADPHONE DETAIL PAGE FOR MORE INFO)



1. **POWER** - turns power on/off
2. **UP** - navigate selection up
3. **LEFT** - navigate selection left
4. **ENTER** - accepts selection
5. **FM** - turns FM transmitter on/off (station can also be changed when button is depressed) \*\*Function is for Monitor A only.
6. **PLAY** - select to play media
7. **REVERSE** - reverses play (fast)
8. **PREVIOUS** - selects previous track
9. **STOP** - stops media from playing
10. **A** - depress to control A monitor
11. **HOME** – back to home page
12. **MENU** – back to home page

13. **EJECT** - ejects disc
14. **RIGHT** - navigate selection right
15. **DOWN** - navigate selection down
16. **DVD MENU** - displays DVD “ROOT MENU”
17. **FORWARD** - plays media fast forward
18. **PAUSE** - pauses media being played
19. **NEXT** - selects next track
20. **B** - depress to control B monitor
21. **BACK** – back to previous page
22. **SEARCH** – back to home page



# Remote Control Battery Installation/Operation



1. Remove battery cover by depressing tab (in direction of arrow) then lifting cover.
2. Insert 2 AAA batteries (make sure batteries are installed with correct polarity (+/-))
3. Reinstall battery cover

**! NOTE:** There is risk of fire if batteries are not handled correctly. Do NOT recharge batteries. Do NOT intermix different battery types, or batteries not charged the same amount. Please dispose of batteries per local laws.  
**Please keep batteries out of reach of children.**

## Operation

To control monitor A, press the A button first. To control monitor B, press the B button first (**SEE HEADPHONE DETAIL PAGE FOR MORE INFO**) Remote control has an infrared beam, which must be aimed towards the lower area of the display monitor being controlled.

Monitor will not receive remote signal if beam is blocked.

# Wireless Headphones

Headphones are dual channel (A and B channel) infrared wireless.  
Channel must be selected to match the display monitor being viewed (see below)

Headphones must be in line of sight of display monitor to receive audio signal  
Headphones require (2) AAA batteries.

**NOTE:** Please make sure volume control is set to low for the safety of the next user (excessive volume can cause permanent damage)

Please note: headphones will power off automatically if no audio is played for more than 3 minutes. This is so the batteries aren't drained. In the event this happens, just turn the switch off then on.

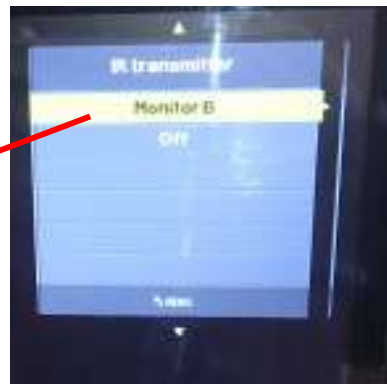


Volume control  
Power on/off switch  
Channel A/B selection switch  
Battery cover (depress and slide down to remove)

## Monitor "A/B" identification location

Follow menu sequence below:  
Audio>IR transmitter (Monitor "A"  
or "B" will be shown)

**NOTE: BE CAREFUL, AS MONITOR  
CAN BE CHANGED IN THIS MENU  
IF MONITOR IS SELECTED**



# Operating Instructions

## Turning power on

Turn vehicle ignition “ON/ACC”.  
Press power button on RSE front panel or remote control.

## Playing a Disc

Insert a disc (label side facing towards you)  
Make sure DVD –Disc is the selected source.  
Press play to start media.

## Playing media from USB

Insert USB device into USB slot on right side of unit.  
Make sure USB is the selected source.  
Use navigation buttons on remote to control media files.

## Playing media from AUX input

Plug small male end of AV cable in to 3.5mm AV input on right side of unit  
Plug other jack ends (RCA type) into device to be played.  
Make sure AUX is the selected source.  
Play device per device instructions.

## Playing media from Wireless Display-*may be optional* (screen mirroring from smartphone, etc)

Select “Wireless Display” from source menu. Follow screen mirroring instructions on smartphone/device to play media from.

## Playing media from HDMI/MHL input

Plug HDMI cable connector into HDMI jack on right side of unit.  
Plug other end of cable into device to be played.  
Make sure MHL/HDMI is selected source.  
Play device per device instructions.  
**NOTE: only devices with MHL or HDMI output capability can be used.**

## Playing audio through vehicle radio system (only plays from Monitor A)

Depress FM on the remote control (if FM button is depressed again, it will turn off the FM transmitted)  
Use the left/right navigation buttons to select desired radio station to play audio (88.5MHZ ~ 107.5MHZ )  
Tune vehicle radio to station selected on unit.  
**NOTE: Quality of audio may be affected by station selected. Certain radio stations may not be clearly audible when FM transmitter is turned on.**

## Sharing media from monitor A to monitor B

Make sure media is playing on monitor A, then follow the menu sequence below on monitor B:

Input source>Monitor

Monitor B will display whatever is playing on monitor A

## Sharing media from monitor B to monitor A

Make sure media is playing on monitor B, then follow menu sequence below on monitor A:

Input source>Monitor



## Main Menus

Below are all the main menus. Menus can be found by selecting the “source” button, on remote, then use the left/right navigation buttons to locate desired menu.



### Input source Menu (default home page)

Contains list of sources for playing media (note: wireless display may be optional)



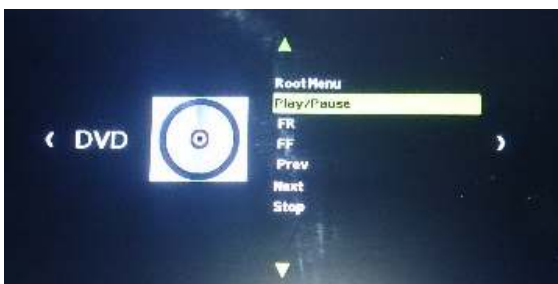
### Picture Menu

Contains list of controls for picture settings



### Audio Menu

Contains list of controls for audio settings, including FM Transmitter (to play audio through vehicle FM radio)



### DVD Menu

Contains list of controls for disc player (note: disc must be inserted for menu to appear)

## Trouble shooting

### Unit will not power on

1. Be sure vehicle is turned on

### Remote control not working

1. Check batteries for correct installation and make sure they have plenty of charge left.
2. Make sure correct monitor is selected on the remote for the monitor desired to be controlled (monitor A/B)
3. Be sure remote is aimed directly towards top of monitor being controlled with no obstructions.

### No picture

1. Ensure correct source is selected (ie: DVD, USB, etc)
2. Ensure any external devices are correctly connected (ie: cable/s for AUX input , USB, etc)

### No sound through IR headphones

1. Check batteries for correct installation and make sure they have plenty of charge left.
2. Check to make sure channel selected on headphones matches the monitor being watched (A or B. see headphone instruction page for more details)
3. Be sure headphones are in line of sight of display monitor being watched with no obstructions.

## FCC declaration

This system complies with FCC directive, section 15. System is subject to the following 2 conditions:

1. This system must not cause any harmful interference
2. This system may be subject to interference which may cause unwanted operation.

## FCC warning

1. In order to ensure ongoing FCC compliance, the system must be connected and operated with the supplied cables only.
2. Unauthorized modifications or alterations to the system may void this operating permit.

## FCC notice

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.



## Specifications

Panel size	10.1"
Resolution	1024 x 600
Backlight	LED
Ratio	16:9
Luminance	500 NIT (typ.)
Expected backlight life	20k hours Min.
Operation temperature	-20~70 degrees C
Storage temperature	-30~80 degrees C
Video display system	NTSC
Input voltage	10-16VDC
I/O ports	USB 2.0, HDMI, 3.5mm AV, 3.5mm earphone
IR Channels	A monitor: 2.3/2.8mhz B monitor: 3.2/3.8mhz
Supported formats	MP3,WMA,OGG,MPE, MPG,MPEG,AVI, DIV,VID,VOB,JPG,JPEG AAC, M1V, M2V,OGM

## WEEE directive

Disposal of old electrical and electronic equipment (applicable in the European Union and other European countries with separate collection systems)



This symbol on the product or it's packaging indicates that the device must not be treated as household waste. Instead, it must be handed over at the relevant collection point for the recycling of old electrical and electronic equipment. With correct disposal of the device, you are helping to avoid any negative effects on the environment and human health which might otherwise be caused by the incorrect disposal and treatment of waste. The recycling of materials helps preserve natural resources. You can obtain more information about recycling this device from your city council, your disposal company for household waste, or from the store in which you bought it. Applicable accessories: remote control, headphones.