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August® User Manual

4.3 Inch Digital TV Receiver and GPS Navigator

DG400

User Manual

Thank you for selecting August DG400 Digital TV Receiver and GPS Navigator. This user manual is designed to familiarize you with all the features of this device. Please take time to read this user manual carefully, even if you are already familiar with a similar product. To ensure your safety and the safety of others, please ensure you read the Safety Instructions before use this device.

Safety

To ensure your safety and the safety of others, please ensure you read the Safety Instructions before you use this product.

Please do not open DG400 by yourself. It can be unsafe and will invalidate the manufacturer warranty.

Disposal

Please ensure the product and its accessories are disposed in compliance with WEEE (Waste Electrical and Electronic Equipment) Directive and other regulations. Please check with your local authority for disposal regulations.

Customer Service:

If you need help, please contact our Customer Service:
Telephone: +44 (0) 845 250 0586

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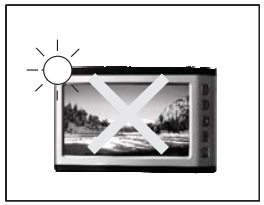
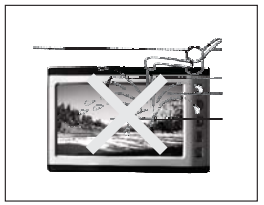
1. Safety Instructions

Storage and Use



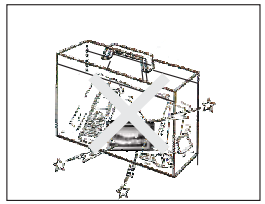
Keep this machine away from hot or cold places. Working temperature of this device is 0° C ~ 50° C, storage temperature is -10° C ~ 60° C.



Keep the TV set away from water or damp environment.

Never expose the TV set to moisture,dust oil or smoke.

Avoid dropping or exposing to impacts.

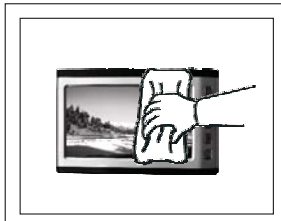


Never put this machine in containers that are unstable as this may cause damage.

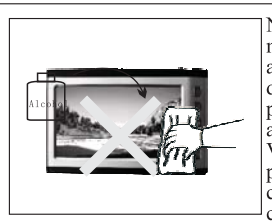
Never extrude or chafe this machine with sharp objects.

Maintenance

Please unplug all connection wires before start cleaning this machine.



Please wipe the display screen and buttons with a softcloth. Only clean the screen with professional LCD TV screen cleanser.

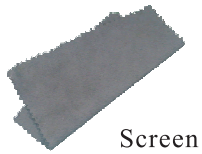


Never wipe this machine with an abrasive cloth, detergent powder, alcohol and benzene etc. Various propellants or chemical cleaning products.

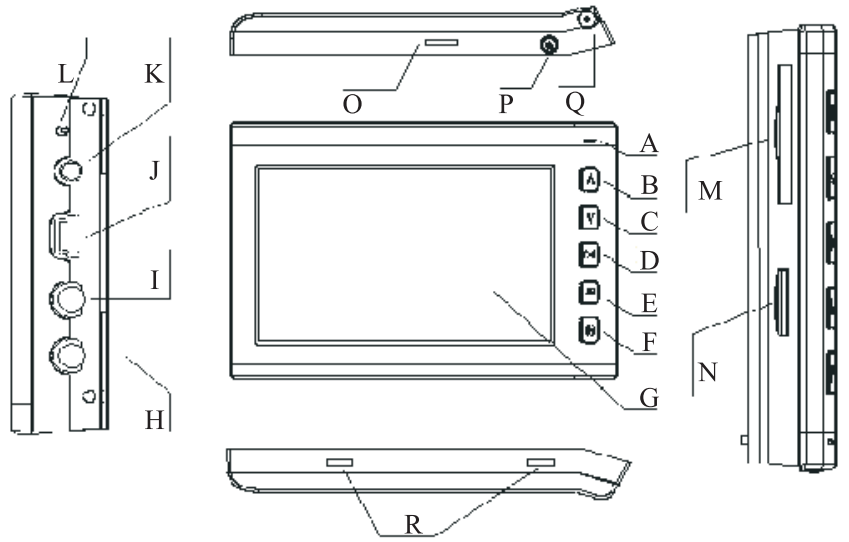
2. Features

- Mobile digital TV receiver and digital radio, GPS navigator, video and music player, TV recorder, picture viewer and FM transmitter
- 4.3 inch digital touch screen 16:9 LCD display 480x272 pixels
- Mobile TV Receiver supporting up to 160 km per hour
- Plays video from internal memory and SD/MMC card
- Built-in 2G NAND internal flash memory and 64MB SDRAM
- Built-in card reader supporting up to 8GB SD/MMC memory cards
- Built-in USB jack supporting high speed USB 2.0
- Built-in telescopic antenna for digital TV signal
- Built-in satellite antenna for GPS
- Supporting video formats DVI (MPEG1, 2 and 4), audio formats MP3 and WMA and photo formats JPEG, BMP and PNG
- Built-in 2400mAh rechargeable battery (can be charged by AC power adaptor and car power adaptor)
- Built-in 1 x 1W loudspeaker and 2 x 3.5mm jack for stereo earphones
- Auto Search scan channels available with frequencies 6 and 8 MHz
- Satellite acquisition rate every 0.1 second
- Navigation features include arrow and voice guidance
- A digital map of UK and Ireland pre-loaded to internal memory
- Electronic Program Guide (EPG) and Multilanguage On-Screen Display (OSD)
- Dimension 126*81*18 mm and weight 300 gm including battery

3. Accessories

Power adaptor	Car power adaptor
Earphones	GPS bracket
USB cable	Touch screen pen
Protection pouch	 Screen Cloth
User Manual	

4. Part Names and Functions



A: Power indicator
B: Back button
C: Forward button
D: Confirm / Play / Pause button
E: Cancel / Stop / Exit button
F: Menu button returns you to index screen
G: LCD display panel
H: Stereo earphone jack
I: Stereo earphone jack
J: Mini USB port for computer connection
K: DC 5V power supply input port
L: Reset (press to reboot the device using the touch screen pen)
M: SD card slot
N: Volume switch
O: Bracket socket
P: Power On/Off
Q: TV antenna
R: Bracket sockets

5. Main Menu

Hold the Power **On/Off** button until the power indicator turns green and wait for the device to start. This may take few seconds.

■ **Touch Screen Icons**

Battery indicator: It will be flashing while charging is in progress.

GPS mode.

Digital TV mode.

FM Transmitter mode.

Video Player mode.

Music Player mode

Picture Viewer mode

System Setup

Switch off the device

Close the current window

Hide the Music Player window (sound will continue as background music)

Play an audio or video program

Pause an audio or video program

Stop playing an audio or video program

Move to the previous audio, video program or picture

Move to the next audio, video program or picture

Add music, video and picture files from the internal memory or a memory card on to the play list, can also be used to or delete files from the list.

■ **System Setup Menu**

Set or change time and date

Change On Screen Display (OSD) language

Adjust brightness of the screen

View system information

■ **Turning Off the Device**

DG400 can be turned off with the following three ways:

Power On/Off Button

Press from the Main Menu and select "**Yes**" from the following box

Set the Power Off timer to automatically switch the device off (see Paragraph 12.3).

■ **Button Operation**

In addition to the touch screen, five operating buttons positioned at the right hand side of the front panel can be used to select, enter and exit various function modes as illustrated in **Paragraph 4**.

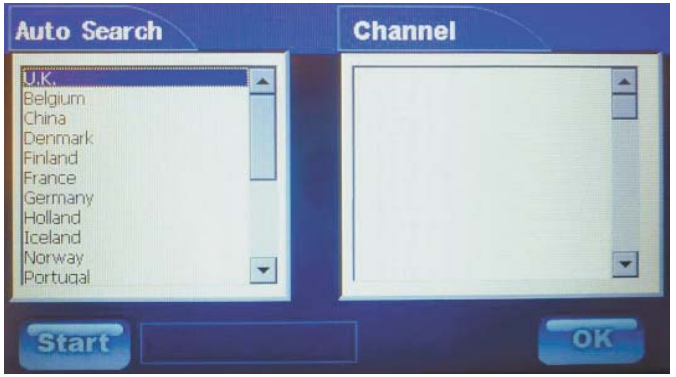
■ **System Reset**

In the event of the system being locked due to an operational conflict or static discharge, you can use the touch screen pen to press "**Reset**" to restore the system.

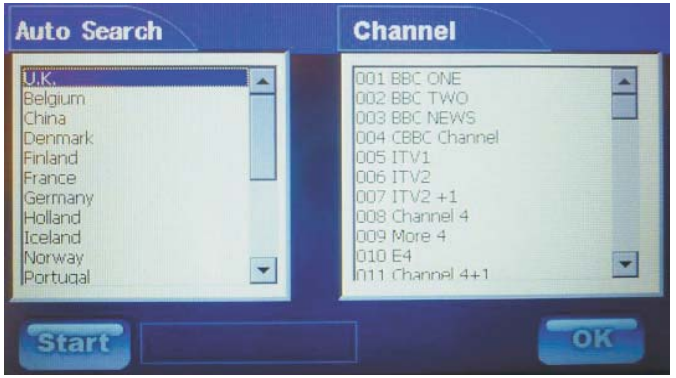
6. Digital TV Receiver

Touch "**DVB-T**" from the Main Menu to enter Digital TV Receiver mode.

Touch to enter Auto Search mode，select the right country and touch "**Start**" to commence an automatic channel search.



A list of TV channels detected and stored will appear in the Channel box.



Choose the TV channel you want to watch and press OK to view.

If no TV channels appears in the Channel box after searching, it is likely that the DVB-T signal is too weak where you are, please try again in other locations.

Touch to enter channel preview screen

Sound Track Source Button:_ Grey background indicates only one sound source is available in the current program, II indicates sound source two is selected.

EPG Touch to enter the **EPG** page, then "**Up**", "**Down**" and "**OK**" for channel selection. Grey background indicates no EPG is available.

Subtitle or No Subtitle Touch to switch subtitle on and off.

REC Touch to record the current program to the internal memory. The available space and total capacity of the internal memory will show up on the top left of the screen during recording. The video file(s) will be stored in the directory of NAND/TV Recorder with suffix ".mpg" which can be played back by the DG400, a computer and other media players.

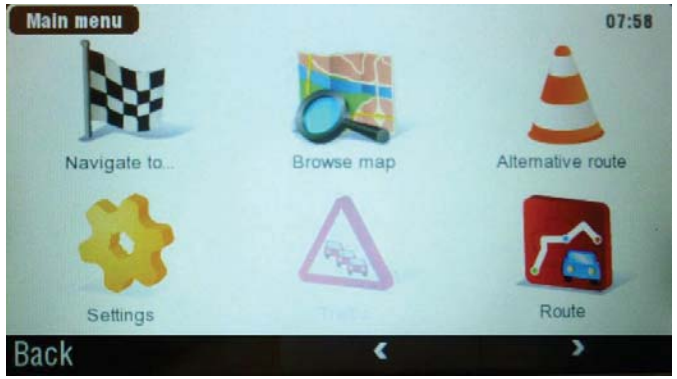
L/R Select to switch the audio track between stereo → left → right → stereo.

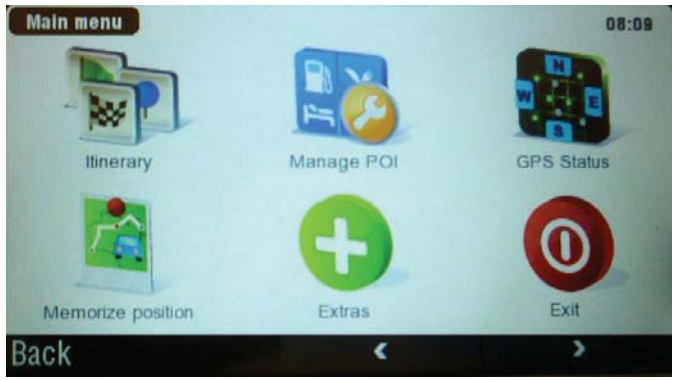
7. GPS Navigation

A Sygic digital GPS map of the UK and Ireland has been preloaded to the internal NAND FLASH memory of DG400.

Touch from Main Menu of DG400 to enter navigation mode.

Touch the screen in navigation mode to enter the operating menu of the map.





Touch an icon to setup and manage your journey, use "**>**" or "**<**" to change pages and touch **Back** to return to the navigation mode.

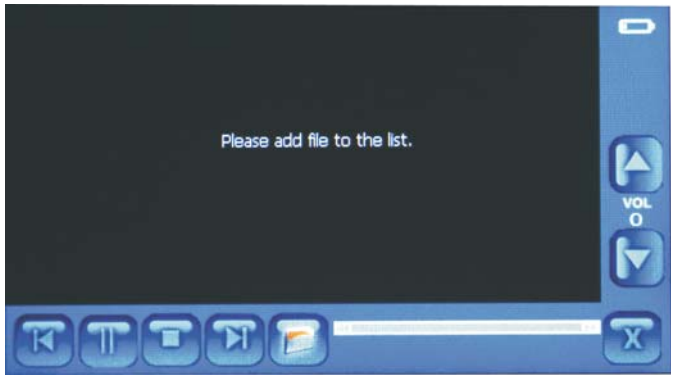
A Quick Guides for the map is provided in "**Settings**" menu and an electronic copy of more detailed User Manual for the map can be downloaded from the download centre of www.augustint.com.

More information about Sygic digital GPS map can be seen from their website www.sygic.com.

8. Video Player

8.1 Operating the Video Player

Touch "**Video**" icon in Main Menu to enter Video Player mode, the following window will pop up and DG400 will automatically play video from the 1st file the play list.

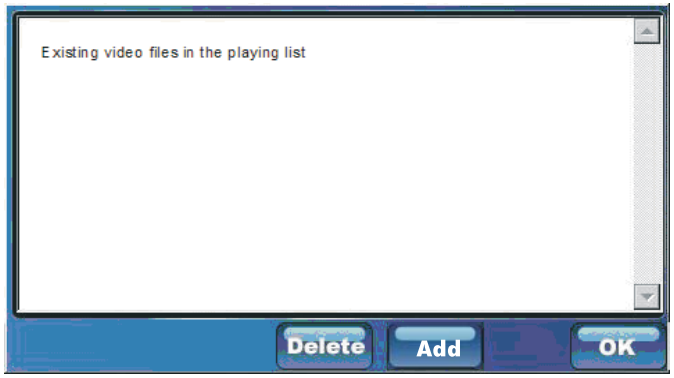


For functions of the touch screen icons please refer to **Paragraph 5.**

You can add video files onto the play list through internal flash memory /memory card by following the procedures below:

8.2 To Add Files to or Delete from the Play List

Touch to add video files to or delete from the playing list.

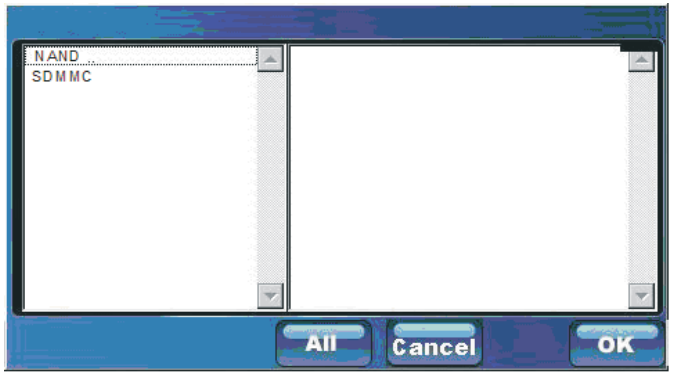


Delete a file from the play list.

Add a video file from internal flash memory / memory card onto play list.

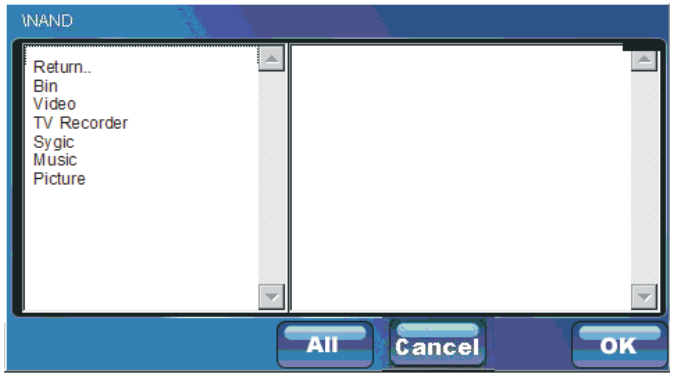
Return to Video Player mode.

The following window will pop up after has been pressed:

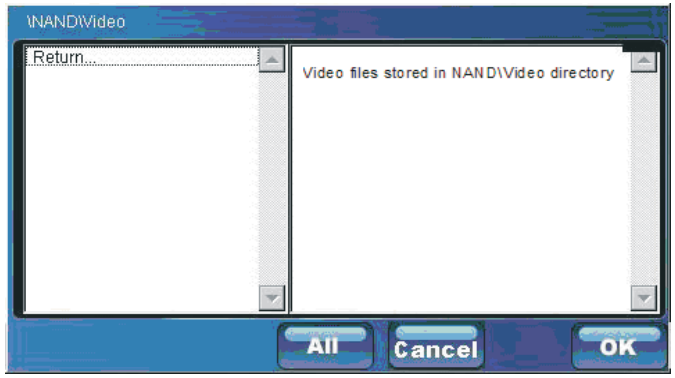


Press "**NAND**" or "**SDMMC**" if you want to add video files from the internal memory / memory card onto the play list. Touch "**OK**" to return to the playing list. A directory.

The following window will pop up if the "**NAND**" directory is selected. You can add, delete and rename a file directory from a computer connected to the device.



Press "**Video**" if you want to add video files stored in Video directory to the play list and the following window will show up.



Select the video file(s) you wish to add to the play list and touch to return to the play list. Touch "**Return**" again to take you back to the NAND directory.

You will need to copy video file(s) from a computer to the NAND\Video directory (NAND/Music or NAND/Picture if you are playing music or picture) if there are no video (music or picture) files in the directory.

Lets you select all the video files in the directory (with suffix .avi /.wmv).

To cancel one or more selected video files.

9. Music Player

9.1 Operating the Music Player

Touch "**Music**" from the Main Menu to enter Music Player mode. DG400 will automatically play music from the 1st file on the play list.

To hide the Music Player window

Volume adjustment

For functions of the touch screen icons please refer to **Paragraph 5**.

Play a selected song repeatedly.

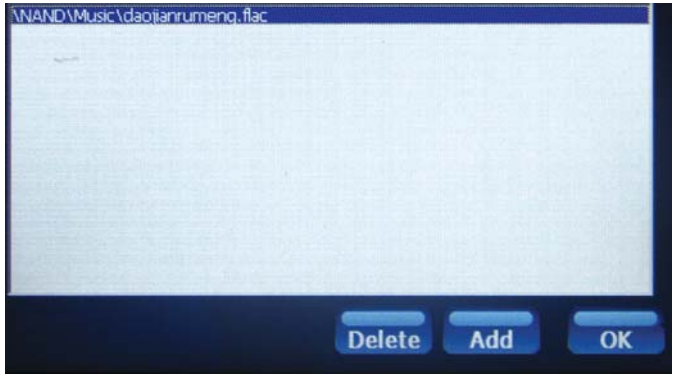
Play all music from the list in sequence.

Randomly play music on the list

You can add music files from internal flash memory or from a memory card onto the play list by following the procedures described below.

9.2 To Add Music Files to or Delete from the Play List

Touch to add music files to or delete from the play list.



OK Confirm and return to Music Player mode

Delete Delete a music file from the play list.

Add Add a music file from the internal flash memory or a memory card onto the play list. Procedures are similar to adding a video file in Video Player mode. Please note that you will need to add music files from NAND/Music rather than NAND/Video directory to the play list.

10. Picture Viewer

10.1 Operating Picture Viewer

Touch "**Picture**" in the Main Menu to enter Picture Viewer mode. DG400 will automatically play pictures from the 1st file on the play list.

Switch on and off the slideshow, The tick in red indicates the slideshow is on.

Decrease the time interval of a slideshow

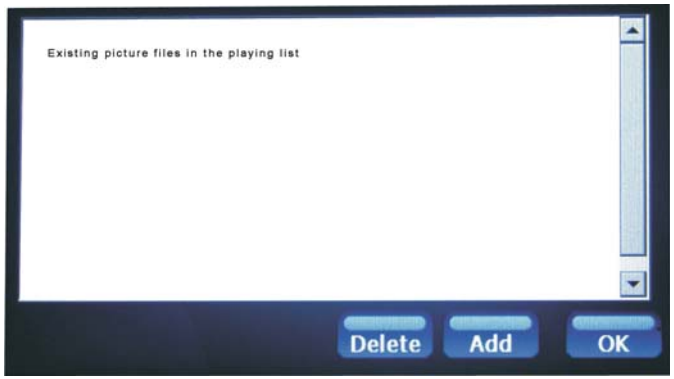
Increase the time interval of a slideshow

Please allow a longer time interval for pictures with higher resolutions and of a larger size.

You can add picture files from the internal flash memory or a memory card to the play list by following the procedures below.

10.2 To Add Picture Files to or Delete from the Play List

Touch to add picture files or delete them from the play list.



OK Confirm and return to Picture Viewer mode.

Delete Delete a file from the play list.

Add To add picture files from the internal flash memory / memory card onto the play list. Procedures are similar to adding video files in Video Player mode. Please note that you will need to add picture files from the NAND/Picture rather than NAND/Video directory to the play list.

11. FM Transmitter

Touch "**FM TX**" from the Main Menu to enter FM Transmitter mode.

Please note that Power Adaptor needs to be connected to the DG400 when operating the FM Transmitter as the cable acts as the transmitting antenna.

12. System Setup

Touch "**Setup**" from the Main Menu to enter System Setup mode.

12.1 Setting the Clock

Clock setting is set as the default page of the System Setup mode.

Select Year, Month, Date, Hour, Minute, Second icons and update the settings using the Up and Down buttons, touch "**Apply**" to confirm your selection.

12.2 Language Setting

Touch to set the language.

Language can be changed using up and down buttons, touch "**Apply**" to confirm your selection.

12.3 Energy Saving

Touch from System Setup to enter Energy Saving mode.

Allows screen brightness to be adjusted

Switches the screen off using 60 seconds timer

Switches the device off using 60 minutes timer

12.4 System Information

Touch to view information regarding the version of the software, capacity and free space of the internal memory and the memory card.

13. Connect to a Computer

13.1 Connect to a Computer

The DG400 can be connected to a computer using the provided USB cable to transfer video, music, picture files and digital maps from a computer onto the internal memory.

The DG400 can be used as an external USB storage device for your computer. It allows you to copy, paste, cut, delete etc.

When connected to a computer please ensure that the battery level is high enough or that the power adaptor is used. This is to prevent the loss of data due to power being interrupted.

You may not be able to operate the DG400 while it is connected to a computer.

If the computer can not detect the DG400, please unplug the USB cable and do a reconnection, also reboot the computer and check if the USB cable is faulty.

13.2 Disconnect from a Computer

Always read the “Safely Remove Hardware” information first before disconnecting the USB cable from the DG400 and the computer.

Click the “Safely Remove Hardware” icon, which normally can be found at the bottom right corner of your desktop with a green tick. Remove the cable after seeing the "This device (or USB mass storage device) can now be safely removed from the computer" message.

Please note: not following the above safety instructions can lead to loss of data or the computer being locked.

14. Rechargeable Battery

- A built-in rechargeable Lithium-ion Polymer Battery is installed in the DG400.
- It normally takes 3.5 hours for the battery to fully charge. Please however allow 8 hours when charging the battery for the first time, this helps to fully activate the battery.
- Only use the main power adaptor or car adaptor provided to charge the battery. It may damage your DG400 if other chargers are used.

15. Specifications

Product	4.3 Inch Digital TV Receiver, Multimedia Player and GPS Navigator
Model No.	DG400
Display Panel	4.3 inch touch screen digital 16:9 LCD 480x272 pixels
Internal memory	2GB NAND Flash
SD card capacity	Up to 8G
USB Jack	Mini USB 2.0
Dimension	126 x 81 x 18 mm(length x width x height)
Weight	300g (including battery)
Working temperature	-10ºC - 40ºC
Power input	DC 5.0V, 2A
Built-in battery	Rechargeable Lithium-ion Polymer 2400mAh
System requirement	Windows 98SE/ME/2000/XP/Vista for the Hosting Computer
Speaker output	Built-in Loudspeaker 1 x 1Watt
Earphone Output	Stereo left 8 mWatt+right 8 mWatt

- **Battery life**

TV plays up to 3.5 hours with Earphones, Brightness at 80% at 15ºC
Video plays up to 6 hours with Earphones, Brightness at 80%
Music plays up to 9 hours with Earphones and Screen Power Off
GPS Navigator up to 6 hours at Brightness 80% and Sound Volume 80%

■ Media Formats

Music player	File Type	MP3, WMA, OGG, APE, FLAC
	Bit Ratio	32Kbps ~ 320 Kbps
Video player	File Type	AVI, WMV, MPG, ASF, M2V, VOB
	Video Type	MPEG-4 ASP@ L5 without QPEL and GMC, MPEG-2 MP@ML,MPEG-1
	Audio Type	MP3 stereo, PCM, ADPCM
	Audio bit Ratio	32Kbps ~ 320Kbps
	Resolution	Max. 720 x 480
	Frame Rate	Max. 30fps/25 fps (PAL)
	Caption	DIVX, XVID, SRT/SMI
Picture Viewer	File Type	JPG, JPEG (not include non-interlace), BMP and PNG
	Resolution	Up to 4000 x 3000 pixels

16. Trouble Shooting

Problems listed below do not necessarily signify a fault with the unit.
Please check this list before requesting repairs.

Problems	Possible Solution
No picture and sound	Check the connection with the AC adaptor/Car adaptor. Use of an unauthorized power supply. Power switch on the side of the TV is off. TV is on standby as it was switched off by pressing POWER on the remote.
No image	Check the channel selection. Scan for channels again. Always rescan for channels in new locations. Ensure video settings are correct.
No sound	Check the sound volume. If you are using earphones, test them on another item. Check that the cable is plugged in. Sound System is not correctly set in Analogue TV mode. Check the Volume switch on the side of the device and the Volume adjustment bar on the screen.
Picture freezing, and/or sound distorting	Check the antenna.Change the orientation of the antenna. Use a roof top aerial or an amplified aerial. Perform a channel scan if you haver moved to a different region.
No signal	Check the antenna.Change the orientation of the antenna. Use a roof top aerial or an amplified aerial. Perform a channel scan if you haver moved to a different region.
Dark Picture	Please adjust Brightness, Dark Picture and/or Contrast settings.
Snowstorm Effect	Motors/Trains/High Voltage Lines and Neon Lights may affect the signal.
Achromatic/Flashing /No Colour	Please adjust the Colour Setting. Color-Sys is not correctly set in Analogue TV mode.
Database empty	Perform a channel scan.
Battery can't be charged	Reconnect the adaptor.
The player gets warmer	This is normal, please turn off the device for several minutes.

Warranty

This product is guaranteed for twelve months from the date of the original purchase. In the unlikely event of any defect arising due to faulty materials or workmanship, the unit will be either replaced or repaired free of charge (where possible) during this period. An alternative product will be offered in case the product is no longer available or repairable.

This warranty is subject to the following conditions:

The warranty is only valid within the country where the product is purchased
The product must be correctly installed and operated in accordance to the instructions given in this user manual.
The product must be used solely for domestic purposes.
The warranty only covers the main unit, and does not cover the accessories.
The warranty does not cover the damage caused by misuse, negligence, accident and natural disaster.
The warranty will be rendered invalid if the product is resold or has been damaged by inexpert repairs. The manufactures disclaim any liability for incidental or consequential damages.
Please consult our customer adviser before returning any product; we are not responsible for any unexpected product returns.
Any faulty product must be kept and returned in the original packaging with all the accessories and the original copy of the purchase receipt.

The warranty is in addition to, and does not diminish, your statutory or legal rights.

Please note:

1. A LCD display panel comprises a very large number of pixels and each pixel contains three sub-pixels - red, green and blue. Due to the complex manufacturing process, occasional pixel anomalies may occur. Pixel anomalies cannot be fixed or repaired and can happen at any stage in the LCD's life. August product should not be deemed as faulty if there are no more than three bright and dark pixels respectively.

2. Portable/telescopic antenna(s) included/fixed with August portable TVs are for the device to receive Freeview TV in areas where the signal is strong and there may be difficulty in receiving Freeview channels by the included/fixed antenna(s) in some areas where the signal is insufficiently strong. This is due to that the Freeview services in the UK and some European countries is yet operating in full power. August TV should not be deemed as faulty if it can receive Freeview TV by connected to a proper rooftop aerial or in areas where the signal is strong.

Customer Service:

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