

User manual

DIGIX



Wireless Streaming Media Box
Model:SMB-100

SAFETY PRECAUTIONS

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the niterference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiated Exposure Statement

This equipment complies with RF radiated exposure limits set forth for an uncontrolled enviroment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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1. FEATURES

1.1 Features

VUDU

This unit supports VUDU which is the leading HD on-demand video service. With VUDU, you can also enjoy various kinds of Internet applications. In order to use this feature, you must connect this unit to the Internet. (This feature is only available in the United States.)

Netflix

With this unit, you can enjoy movies and TV episodes streamed instantly from Netflix via the Internet. In order to use this feature, you must visit www.netflix.com on your PC and become a Netflix member. (This feature is only available in the United States.)

Pandora® internet radio

This unit supports Pandora internet radio service. You can instantly listen to free personalized radio stations streamed over the Internet from Pandora. In order to use this feature, you must visit the below website on your PC and become a Pandora member. (This feature is only available in the United States.) - www.pandora.com

YouTUBE

This unit supports YouTube streaming. YouTube is the leading video site that provides a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as amateur content such as video blogging and short original videos.

Picasa

With Picasa application, you can browse your web albums on your TV screen. Picasa helps you organize a number of photographs of yours, so you can easily find particular photographs with an easy operation.

Easy and simple connection to your HDTV with an HDMI cable

Connect this unit to your HDTV with one single HDMI cable. It is recommended to use a High Speed HDMI cable for better compatibility. The high-definition video output signal will be transferred to your HDTV without conversion to analog signals, so you will get excellent picture and sound quality, completely free from noise. Thanks to other multiple outputs, you can also easily connect to your home theater system or amplifier.

HDMI Deep Color

Deep Color reduces posterization (color banding) effect of the playback image.

1.2 Version Info

"Version Info" screen provides information about this unit's software version. When a newer version of software is available, you can update the software via USB.

To access "Version Info", follow the procedure below.

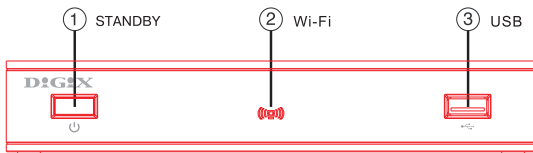
1. Select "Setup"
2. Use [◀/▶] to select "advance" then press [ENTER]
3. Use [▲/▼] to select "Version Info"

■ Netflix ESN

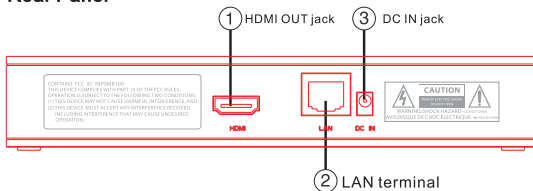
You can view the ESN (Electronic Serial Number, which Netflix uses to identify your device) on the "Deactivate Info" screen.

2. FUNCTIONAL OVERVIEW

2.1 Front Panel



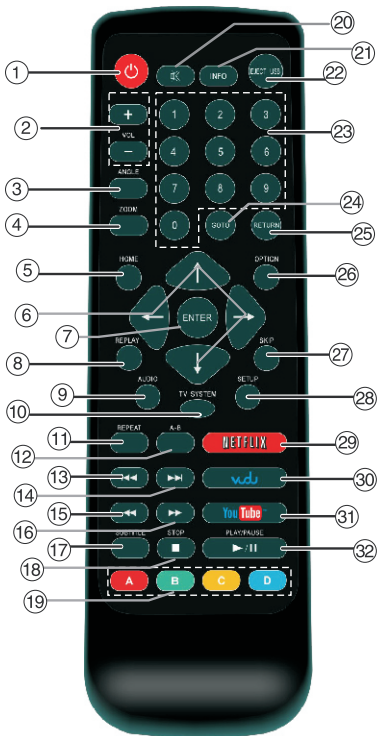
2.2 Rear Panel



Caution

- Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.
- This unit does not have a TV RF modulator.

2.3 Remote Control



#	Item
①	⏻ STANDBY
②	VOL
③	ANGLE
④	ZOOM
⑤	HOME
⑥	NAVIGATION
⑦	ENTER
⑧	REPLAY
⑨	AUDIO
⑩	TV-SYSTEM
⑪	REPEAT
⑫	A-B
⑬	PREV
⑭	NEXT
⑮	REV
⑯	FWD
⑰	SUBTITLE
⑱	STOP
⑲	A/B/C/D
⑳	MUTE
㉑	INFO
㉒	EJECT USB
㉓	NUMBER(0-9)
㉔	GOTO
㉕	RETURN
㉖	OPTION
㉗	SKIP
㉘	SETUP
㉙	Netflix
㉚	VUDU
㉛	You Tube
㉜	PLAY/PAUSE

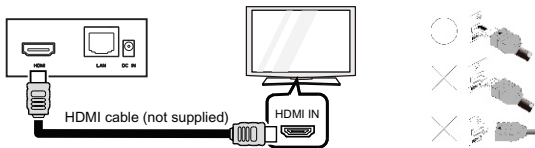
Note

- When the unit receives a signal from the remote control, the Standby/On indicator on the top panel turns Off.

3. CONNECTIONS

3.1 HDMI Video/Audio Connection

(supports up to 1080p outputs video data with a frame rate of 60 frames per second.)



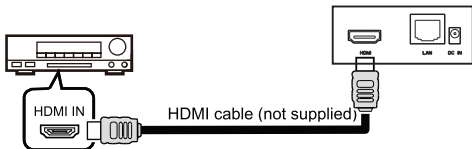
- No audio connection required.
- Make sure the shapes of the jack and the connector are matched and do not tilt the HDMI connector when inserting it into the HDMI jack.
- When connected to an HDCP incompatible display device, the picture will not be displayed properly.
Use an HDMI cable with the HDMI logo (a certified HDMI cable) for this connection. High speed HDMI cable (also known as HDMI category 2 cable) is recommended for better compatibility.

3.2 Connection to an Audio System

- When you change the connections, you should turn Off all the devices.
- When making connections with external devices, please refer to their user manuals for additional setup help.

■ HDMI Audio Connection

AV receiver/amplifier with an HDMI input jack.



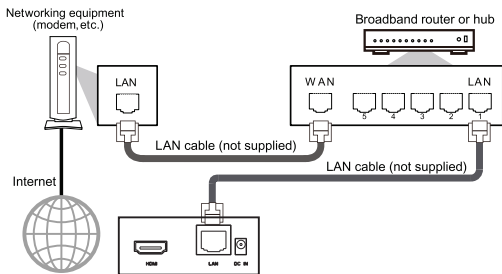
3.3 HDMI Video/Audio Connection

By connection this unit the internet you can play contents of the network services.

Note

- Wired connection is recommended when using the following features. (Using the following features with a wireless connection can be affected by other devices using radio frequencies.)
 - Video streaming services (VUDU/Netflix)
 - Listening to internet radio (Pandora®)

■ Wired Connection



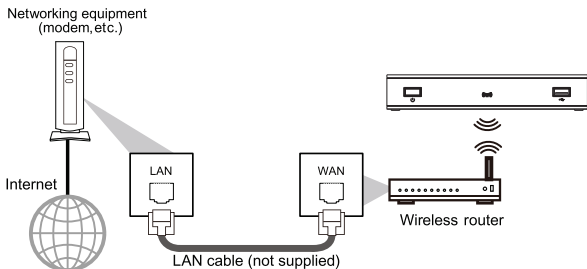
Caution

- Do not insert any cable other than a LAN cable to the LAN terminal to avoid damaging the unit.
- Do not connect your PC directly to the LAN terminal of this unit.

Note

- After you make a wired connection, perform the necessary setup. (For network settings of a wired connection, refer to "Wired" on page 10.)
- If your cable modem does not have router functions, use a wired router.
- If your cable modem has router functions but there is no vacant port, add a hub.
- For a wired router, use a router which supports 10BASE-T/100BASE-TX ETHERNET standard.
- Please purchase shielded LAN cables at your local store and use them to connect the unit to network equipment.

■ Wireless Connection



Note

- After you made a wireless connection, perform the necessary network setup. (For the network settings of a wireless connection, refer to "Wireless" on page 12.)
- For a wireless router which supports IEEE 802.11 b/g/n. ("n" type is recommended for stable operations of the wireless network.)
- Set the wireless router to infrastructure mode. This unit does not support Ad-hoc mode.
- Other radio devices or obstacles may cause interference to a wireless network connection.

4. USING NETWORK FEATURES

4.1 Preparation for Network Features

Please follow the instructions below before using the network features.

1. Connect this unit to the internet.
 - Refer to "Connection to the Network" on page 6.
2. Perform the necessary network connection setup.
 - Refer to "Network" on page 10.
3. Select "Apps".



4. Select the desired application, then press [ENTER].
5. Press [RETURN] to exit.

4.2 Information on Network Services

For detailed information on the third-part internet services, please visit each service provider's website:

Netflix: <http://www.netflix.com>

VUDU: <http://www.vudu.com>

Pandora : <http://www.pandora.com>

5. LIST OF SETUP

In the setup menu, you can customize various kinds of settings as you prefer. Refer to the following instructions to navigate through the setup menu.

1. Use [◀/▶] to select "setup", then press [ENTER].
2. Use [▲/▼] to select the desired setting, then press [ENTER].
3. Use [▲/▼] to move the highlight up and down in the list.
4. To make a selection or to access options of an item, select the desired item, then press[ENTER].
 - To go back to the previous screen, press[RETURN].

Refer to the following table for the types of settings you can customize.
The item highlighted in gray is the default setting.

Categories	Menus/Options		
Setup	Audio	Night Mode	Off / On / Comfort
		HDMI Output	HDMI LPCM / HDMI RAW / HDMI Auto
		Surround Sound	Auto / 5.1 CH
		Aspect Ratio	Pan Scan 4:3 / Letter Box 4:3 / 16:9 / 16:10
		TV System	HDMI Auto / NTSC / PAL / 480P / 576P / 720P 50Hz / 720P 60Hz / 1080i 50Hz / 1080i 60Hz / 1080P 50Hz / 1080P 60Hz
		1080P 24Hz	Off / On
		Deep Color	Auto / 12 bit / 10 bit / Off
	Network	Wireless LAN Setup / Wired LAN Setup Device Name	
	Advance	Version Info / Network Info / DLNA Lip Sync(HDMI A/V Sync) / Deactivate Netflix Deactivate VUDU / Online Upgrade USB Upgrade / Key Tone Volume / Factory Default	
	System	Language	English / Espanol / France
		Text Encoding	Unicode(UTF8) / Western Turkish / Manual / Time Zone
		Screensaver	
		Soft Keyboard Language	
		Resume Playback	Off / On

6. SETUP

6.1 Network

Select [Setup] → "Network"

Perform the network connection setup in order to use the network features, such as Netflix/Picasa/VUDU.

Note

- Once a network connection is established, you are ready to use the network features, such as Netflix/Picasa/Pandora/VUDU, using the Internet without making any additional settings.
- If a network connection could not be established, you may need to check your router settings and make sure the physical connection is secure. If you need the MAC address of this unit to complete your router settings, you can view it on "Network Info" screen setup under "advance" of "setup" in the home menu.
- When connecting this unit directly to a modem for the first time or connecting it to a modem which was previously connected to any other network device (e.g. a router, PC, etc.), you may have to power cycle the modem (unplug the modem's and/or router's AC plug from its AC outlet for 30 seconds and then plug it back in), this may reset the settings in the modem. If you have a telephone/Internet modem with your cable service then you may have to use its reset button or remove the backup battery to reset this type of modem.

■ Wired LAN Setup

Connect this unit to a modem/router with a LAN cable before setting up. This unit will then automatically detect the LAN connection and leads you to the appropriate setup screen.

Auto(Wired)

1. Use [◀/▶] to select "setup" in the home menu, then press [ENTER].
2. Use [◀/▶] to select "Network", then press [ENTER].
3. Use [▲/▼/◀/▶] to select "wired LAN Setup", then press [ENTER].
4. Use [▲/▼/◀/▶] to select "DHCP IP(Auto)", then press [ENTER].
5. Use [▲/▼/◀/▶] to select "DNS(Auto)", then press [ENTER].
 - After saving the network setting, the unit will start a network test.
6. If the network test passes, press [ENTER].

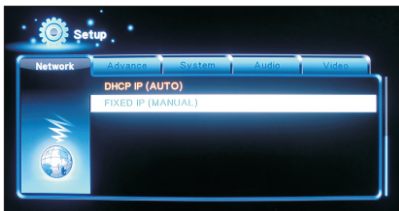
Manual(Wired)

In the following cases, select "FIXED IP(MANVAL)"(Wired) to set each setting as necessary.

-if a network connection could not be established when the setting was "Auto"(wired).

-When instructed by your internet service provider to make specific settings in accordance with your network environment.

1. Use [**◀**/**▶**] to select "Setup" in the home menu, then press [ENTER].
2. Use [**◀**/**▶**] to select "Network", the press [ENTER].
3. Use [**▲**/**▼**] to select "FIXEP IP(MANUAL)", then press [ENTER].



4. The network setting screen will appear. Enter an IP address using the number key of the remote.



- Enter an IP address after checking the specifications of your router.
- If an IP address is unknown, check the IP address of other devices (e.g. PC connected with a LAN cable). Then, in the furthest cell to the right, assign a different number from those other devices

5. Repeat the same procedure as steps 4 for “Subnet Mask”, “Default Gateway”, “Primary DNS”, “DNS Server IP address”.
 - Enter the DNS address provided by your internet provider.
 - If the DNS address is unknown, check the DNS address of other device (e.g. PC connected with a LAN cable) and assign the same DNS address.
6. Press[ENTER].
 - After saving the network setting, the unit will start a network test.
7. If the network test passes, press [ENTER] to exit.

Note for “IP Address”, “Subnet Mask”, “Default Gateway”, “DNS Server IP address”.

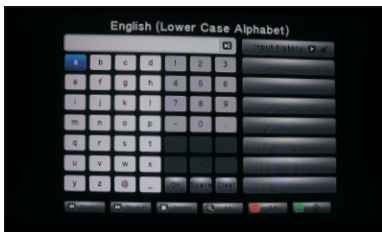
- The range of input numbers is between 0 and 255.
- Use [◀/▶] to select the previous cell or the next cell.

■ Wireless LAN Setup

1. Use [◀/▶] to select “Wireless setup” in the home menu, then press [ENTER].
2. Use [▲/▼] to select “wireless LAN setup”, then press [ENTER].
 - This unit will start searching for wireless networks, after pressing “ZOOM” key on the remote.
3. The result of wireless network searching will be displayed. Use [▲/▼] to select the appropriate SSID, then press [ENTER].
 - If you select an SSID with “the password”, please go to step4.



4. “Password” entry screen will appear. Enter the WEP/WPA key of the selected wireless network using[▲/▼/◀/▶] on the software keyboard, the select “OK”.



- The software keyboard shows up by pressing [OK] on the remote in the password input field.
 - If you do not know the WEP/WPA key for your wireless network, ask your ISP or the person who set up your wireless network.
5. If a connection succeeded, press[ENTER] to finish the setting, then press [RETURN] to exit.

Note

- The internal wireless LAN supports following specifications.
 - Wireless standards :IEEE 802.11 b/g/n
 - Frequency spectrum :2.4 GHz
 - Security protocol :WEP/WPA/WPA2

Advance config

You can set up the wireless connection quickly.

"WPS" (Wi-Fi Protected Setup) is only available when your router supports it.

For details, please refer to the user manual of your wireless router.

PBC (Push Button)

Please confirm your wireless router has a PBC (Push Button Configuration) button. If the router does not have it, please perform the "Wireless LAN Setup".

1. Use [◀/▶] to select "setup" in the home menu, then press [ENTER].
2. Use [▲/▼] to select "Wireless LAN Setup", then press [ENTER].
3. Press red button to select "WPS(AP)", then press [ENTER].



4. Use [▲/▼] to select PBC (Push Button Configuration), then press [ENTER].
5. Push the PCB button on your wireless router.
 - In case the procedure failed, press [ENTER] to return to the previous screen, then try again.
6. If a connection succeeded, press [ENTER] to finish the setting, then press [RETURN] to exit.

PIN (Pin Code)

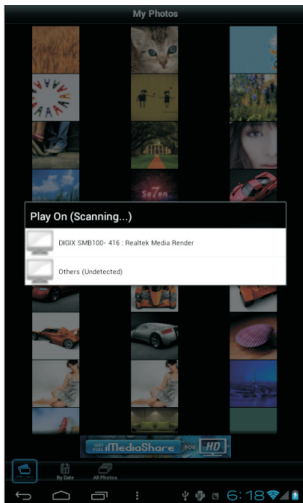
1. Follow steps 1 to 3 in "PBC (Push Button Configuration)".
2. Use [▲/▼/◀/▶] to select "PIN (Pin Code)", then press [ENTER].
3. Set up your wireless router with the PIN code shown on your TV screen.
 - For details about how to set up your wireless router, please refer to your router manual.
4. "OK" will appear, then press [ENTER].
5. Press [RETURN] to exit.
 - In case the procedure failed, press [ENTER] to return the previous screen, then try again.

6.2 DLNA

Install iMediaShare on the smart device(the smart phone or the pad), play the content of the smart device on TV connected to SMB-100.

1. Tap iMediaShare app icon and get it launched. In just few seconds it discovers all your digital media stored on the smart device, available on home PC or retrieved from internet to make it easily accessible by you.

2. Select the channel and the screen is fed with full list of videos, musics or photos. Slide up and down or switch between categories at the bottom to get fastly to the one you'd like to start with. Now you are just a tap away of enjoying it on the TV screen.



3. iMediaShare discovers automatically all capable media players for you and you have the option to watch it on the TV screen.

Note

- The wireless that the smart device connect and the network than SMB-100 connect must be in the same network segment.