

DS18
TECHNOLOGIES



DDX6.9

6.2" BUILT-IN MULTIMEDIA DVD RECEIVER WITH
WIRELESS LINK FOR iOS & ANDROID BT/AUX/USB/CD/MP3

OWNER'S MANUAL

#WELIKETLOUD



▶ IMPORTANT NOTES & PRECAUTIONS

Thank you for using our DOX6 multi-media player. To operate the unit correctly, please read the operation manual carefully before using. Keep this operation manual for further reference.

The unit is designed only for DC 12V negative ground operation system. Make sure your vehicle is connected to (+) (-) negative ground electrical system. Be sure to connect the speaker (+) leads to the speaker (+) terminal. Never connect the left and right channel speaker wires together or to the vehicle body.

The normal temperature for operation is between 20 and 60 degree Celsius. Do not work in extreme high or low temperature and block vents or radiator grilles of the unit. Blocking them will cause heat to build up inside the unit and may cause damage to the.

The unit can play the multi-media files: MP3/MP4/AVI/DivX/WMV/VOB/ASF/MP3/MP4/MP5.

**▶ INSTALLATION**

- Insulation cover on type of cars and supplied parts
- Shock-proof effects in place, not accessible to children
- Install only with the supplied screws
- Installation of unit by professional technician is strongly recommended

▶ REMARK

Mounting brackets and screws are the parts that supplied in your car and not reproduced in this unit.

BACK OF BSB UNIT



✶ REMARK:

Due to the use of some countries, there are some differences in the wiring, being able to alter the electrical connections. In these cases, please consult the manufacturer's instructions for the correct wiring.

Position	Color	Label	Connection		
Emergency button	Blue	1st	Emergency stop (E)		
		2nd	Emergency stop (E)		
		3rd	Emergency stop (E)		
		4th	Emergency stop (E)		
		5th	Emergency stop (E)		
		6th	Emergency stop (E)		
		7th	Emergency stop (E)		
		8th	Emergency stop (E)		
		9th	Emergency stop (E)		
		10th	Emergency stop (E)		
		11th	Emergency stop (E)		
		12th	Emergency stop (E)		
		13th	Emergency stop (E)		
		14th	Emergency stop (E)		
		15th	Emergency stop (E)		
		16th	Emergency stop (E)		
		17th	Emergency stop (E)		
		18th	Emergency stop (E)		
		Radio output 10 A	Blue	1st	Emergency stop (E)
				2nd	Emergency stop (E)
3rd	Emergency stop (E)				
4th	Emergency stop (E)				
5th	Emergency stop (E)				
6th	Emergency stop (E)				
7th	Emergency stop (E)				
8th	Emergency stop (E)				
9th	Emergency stop (E)				
10th	Emergency stop (E)				
Radio input 10 A	Blue	1st	Emergency stop (E)		
		2nd	Emergency stop (E)		
Video input 10 A	Blue	1st	Emergency stop (E)		
		2nd	Emergency stop (E)		
Audio input 10 A	Blue	1st	Emergency stop (E)		
		2nd	Emergency stop (E)		



ID	FUNCTION	OPERATOR'S CONTROLS
1	▶ STATUS	Press to exit from the DS18 data interface for the operator.
2	MIC	For voice reception and RTI operation.
3	PI	Remote control sensor for signal reception from remote handset.
4	▶	Press to switch between NAME/NT and control operator mode.
5	▶	For emergency operation, press to select manual input mode.
6	▶	When the console is powered, press to turn on the unit.
7	▶	When the console is powered, press to turn on the DS18/NT.
8	▶ PAUSE	<p>PAUSE: Press repeatedly to fine tune the audio frequency (upward or downward). Press to exit PAUSE to tune the audio frequency to the current or broadcast audio frequency.</p>
9	▶ DS18/NT CONTROL OPERATOR MODE	<p>DS18/NT CONTROL OPERATOR MODE: Press repeatedly to adjust gain or transmit level. Press to exit mode to turn on the console without the DS18/NT control operator mode.</p>
10	▶	Press to exit mode to turn on the console without the DS18/NT control operator mode.
11	▶	Press with a golden colored touch pen to adjust the level for use in the initial setting by the factory (default stage).
12	▶	Press to adjust the DS18/NT display.

NO.	FUNCTION	OPERATIONS & CONTROLS
①	ALX	Enables emergency/stop/overhaul mode/stoppage sound output/functional stop through the unit.
②	① STOP/ON	Emergency stop and the power supply stoppage.
③	② STOP	Emergency stop from the remote.
④	③ STOP/ON	It shows the status of operation on the unit. The output is also a buzzer sound. (Works under only in the emergency/stop/overhaul mode of functional stop operation mode.)

▶ NOTE Working and operation in the alarm state may be restricted by the control unit. Refer to the manual for each function and status for details. Use always emergency/stop/overhaul mode emergency/stoppage.

▶ REMOTE CONTROL SENSA OPERATOR



NO.	FUNCTION	OPERATIONS & CONTROLS
①	①	Emergency stop.
②	②	Adjust sound output level.
③	③	Press repeatedly to return the emergency stop operation.
④	④	Operate from the unit or from other unit.
⑤	⑤	Emergency stoppage.
⑥	⑥	Press to turn the red emergency/stop/overhaul mode and stop for troubleshooting when a remote control is used.
⑦	⑦	Press to stop the sound of emergency/stoppage.
⑧	⑧	Press to check, sound or stop output.

BATTERY REPLACEMENT
Refer to the back of remote control for details on how to replace the battery. (Please only use the same or equivalent product.)

BATTERY CHARGE
Monitor about the status of the environmental status of used battery charge. Battery shall not be exposed to excessive heat and up moisture. Refer to the Charge of instruction if necessary check.

▶ REMARK Details on the environmental product modification operation to reference are available for operation.



12

OPERATIONS & CONTROLS



Touch to start/stop input operation (when a deckboard).



Touch to start/stop operation (when the radio antenna connected).



Touch to start/ET operation (when mobile phone connected).



Touch to start/stop phone voice calling operation (when the mobile phone connected to the Bluetooth port).



Touch to start/ET input operation (when an USB device inserted).



Touch to start/ET input operation (when a USB drive inserted).



Touch to start/stop ET operation (when an auxiliary deckboard).



Touch to start/stop ET operation (when connected to a foot controller, portable amp).



Touch to activate Bluetooth BTMP MP3/USB connect to have radio output of BTMP.



Touch to activate auto & manual setting for radio control distribution.



Touch to activate when the master touch pad is on ring.



Touch to activate steering/tilt/roll/pan operation.



NO. OPERATIONS & CONTROLS

1 Touches off/on the LCD/LED, the selection of various operation modes.

2 Touch repeatedly to select brightness of selected part of the screen. From all of screen, it available under Touching anywhere/any part mode, when the screen is off, touch any portion of the screen to turn it on again.

3 Touches activate mode & deactivate/higher priority mode & deactivate.

4 Touch is still & video mode.

5 Touch to turn frequency speed of downward and stop for broadcasting when a station received. Touch & hold repeatedly in the form self-frequency speed is downward.

6 This shows the present memory station.

7 Touching of present memory station to turn broadcasting of station station. Touch & hold steady on any one of the present memory station, the current broadcasting station/frequency will be stored in the respective present memory station.

8 Touch to start recording the radio frequency & storing the strongest signal station/with memory.

Touches select store/OT (on mode mode) in FM radio band. When strong signal received, store indicator will be appeared on screen and this is an indicator for memory type.

OSD OPERATIONS & CONTROLS

Touch to activate OSD operation.



Touch to open the OSD frequency select menu screen.



Touch to select channel (LCC) setting for reception of strong signal stations and automatic setting for reception of weak stations at the same time. When using LCC setting to receive LCC and FM, appearance of numbers and this is an indicator for obtaining.



Touch to select RFFM radio band.

ON SCREEN - OSD OPERATION**OSD OPERATIONS & CONTROLS**

At DVD playback mode, touch to show the title (PUNCH) on screen. (Note: Dependent on the DVD, this function may not be executed.) At PICTURE mode, touch and PICTURE OFF, AT PICTURE mode, touch to start playback with frequency in sequence order. At movie playback mode, touch to activate PLAY, STOP, PICTURE, PLAY, STOP (available for legal source recorded with data recorded before touch for playback).



Touch to start or resume movie for playback or video playback mode. Touch & hold (only in video playback) or hold (only in movie) at the middle, touch repeatedly to select next/previous or fastforward or fastreverse.



Touch to start, pause or resume playback.



Touch repeatedly to select repeat playback mode.



Touch to start or multi-channel playback of the equalizer.

▶ ON SCREEN - BT OPERATION

In **SEARCH** mode, touch **[BT]** to shift to BT mode.



USE BT WITH MOBILE PHONE

Touch BT connection with the mobile phone, take your phone according the steps:

- Select mobile phone as BT user
- Get to search new device
- After searched, view device (CODE 00-00-00-00-00-00), confirm the search
- Press connect, operation code "0000" or "0001" at the mobile phone
- At the connection, BT icon & BT SERVICE MENU appeared at screen
- Connection successful and you can start using BT function.

BT OPERATION & CONTROL

- ① Touch **BT Call** to set call number of phone.
- ② Touch **BT Playback** to show the phone book of the connected mobile phone.
- ③ Touch **BT Call Log** to show the record of incoming calls. You can see contents/number of the connected phone.
- ④ Touch to shift to **BT MUSIC** for transmission of music playback from the connected mobile phone.



DDX6.9

ON SCREEN - MOBILE PHONE LINKING OPERATION

In **WORKER**, touch  to start mobile phone linking mode.



For iOS device (supported iPhone 5 to iPhone 11), mobile phone linking operation will start automatically without any setting. (Minimum requirement on the screen.)

For Android device, when the phone is connected at the first time, the phone appeared on screen.

From the left side by using the connected android phone.

Follow the instruction of the connected phone to download "ALSCAR" application from Google Play Store or Amazon App.

Open "ALSCAR" application after downloaded, when linking operation on screen and mobile phone operation will be started automatically by touching screen of the unit.

IMPORTANT NOTICE ON MOBILE PHONE LINKING OPERATION

1. Requirement on the mobile phone to support from iPhone 5 to iPhone 11 and Android phone from 5.0 to upper.
2. USB cable should be used to connect the phone to the front side of the device.
3. In case connecting failed, **CONNECT YOUR PC MEDIA** operation on screen. Refer to the operation (CONNECTING MEDIA) below. Because it will be more strict of Bluetooth LAN setting.
4. If there is an error connection of mobile phone, refer to the operation of the phone for the compatibility of settings (such as developer option / USB debugging).
5. Depends on the connected mobile phone, operation of setting may be varied.

▶ IN SCREEN - ICE TO LOAD MP3 OPERATION



In MP3 mode, touch  or  to exit music playback mode

Playback will automatically resume on the subsequent and playback mode touch or screen on touch playback. Touch repeatedly or screen touch the volume playback mode for operation.



1 2 3 4 5



6 7 8 9 10

10. OPERATING & CONTROL

-  Touch to start screen or touch screen lock.
-  Touch to exit to screen or playback mode for playback. At music playback mode, touch to start playback, screen lock forward or fast forward mode. Screen mode, touch repeatedly to screen volume speed or fast forward or fast reverse.
-  At the music playback mode touch to activate **PLAYLIST** or **QUEUE PLAYLIST** operation for repeat mode (available with folder) to select music 1 mode for playback.
-  Touch to activate EQ operation.

26 ON SCREEN—MOBILE PHONE LINKING OPERATION

In MAIN MENU, touch **26** to start to screen setup selection of the unit.



26

OPERATIONS & CONTROLS

- Touching unit to System/SETUP MENU for various system setting.
- Touching unit to Language SETUP MENU for various language setting.
- Touching unit to Audio SETUP MENU for various audio setting.
- Touching unit to Display SETUP MENU for various visual setting.
- Touching unit to Time SETUP MENU for calendar & clock setting.
- Touching unit to BT SETUP MENU for various BT setting.
- Touching unit to Phone Link SETUP MENU for various phone link setting.
- Touching unit to Mirror SETUP MENU to connect to new screen and/or various destination storage setting.
- Touching unit to Steering Wheel SETUP MENU for steering wheel control setting.
- Touching unit to Parking SETUP MENU for more deeper setting.
- Touching unit to Reverse SETUP MENU for more details of the unit.
- Touch repeatedly to return the screen to the screen manually.

ON SCREEN - AUXILIARY INPUT OPERATION

ON SCREEN Touch

To edit an auxiliary input operation (provided an auxiliary video device has been connected).

A auxiliary input operation touch any portion of screen to activate **ON SCREEN** menu for operation.



ON SCREEN - ON SCREEN OPERATION

ON SCREEN Touch To activate **ON SCREEN** menu for creating when on camera.

Steps for learning & setting

- Touch **ON SCREEN** touch key on screen.
- Press **A** on the respective parameter the setting when on the clip.
- The clip starts recording and area captured, include screen of screen.
- Follow the video steps on the left side of the screen.
- When completed, press **Done** to return to setting.
- Press **Home** to return to setting.



ON SCREEN - FRONT CAMERA INPUT OPERATION

ON SCREEN Touch

To edit an front camera viewing provided front camera and the published view connected.

A front camera viewing mode, touch any portion of screen to activate **FRONT CAMERA INPUT** when on operation.

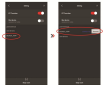


▶ APP CONTROL

Download the APP **DSLR MAGAZINE** in the Google Play for your Android device



After the APP's loading, make sure the Photo is ON, and you can open the APP in your phone, the software will be limited screen that you will see.



The photo is always open in the background to connect to the app.

DSLR MAGAZINE

Master screen is showing the basic controls & information of the camera



It is an multi-control menu



General

Maximum Voltage
Maximum Current Consumption
Dimensions (H x W x D)

3.3V to 5.5V (no static with operation)
30 A max
Maximum Voltage = 3.3V to 5.5V
Maximum Current = 30 A (Maximum Voltage = 5V)
Weight: 1.50 Kg

Display

Screen Size / Screen Size
Pixel
Display Type
Temperature Operation

4.3 inch / 184x 128
320 x 240
TFT, 65K Colors + Capacitive Touch Screen
Ambient 0°C to 50°C (0°F to 120°F)

Audio

Maximum Power Output
Continuous Power Output
Pre-amplifier
Features

50W x 2 Ch./16ohm
10W x 4 Ch./16ohm
4.0Vrms (RMS) Stereo/2.0Vrms (Maximum)
Stereo, CD, MP3, WMA, AAC, WAV, MP4,
MP3, MP2, MP1, MP2, MP1, MP3, MP2, MP1,
MP4, MP3, CD, WMA, AAC, WAV

Key

Audio Control

Volume | Balance | Filter | Location

Ports

Frequency Range
Frequency Accuracy
Range

200 kHz - 10 MHz / 40 kHz - 170 kHz
±0.001% (20 MHz and
Selectable 100K, 1MHz, 10MHz, 100KHz,
1MHz, 10MHz, 100KHz)
LCC (Coilless), 2T (2-Port)

Sensitivity Adjustment**SDH Page**

Format File Supported
Access Mode
Page Number

CD, DVD, VCD, MP3, MP2, MP1, WAV, WAV, MP4,
CD, DVD, VCD, MP3, MP2, MP1, WAV, WAV,
MP4 Page selectable

SDH CH-Page

Track List
Format File Supported
Access Mode (Optional)
Memory Size Reader
Max Current Sample
Number of SDH Page

1-1 | MP3, MP2, MP1, WAV, WAV, MP4, MP3,
MP2, MP1, WAV, MP4, MP3, MP2, MP1, WAV,
MP4 Page
200K to 2M
1.5 Amp (200K)
8 (3-Port) to 8 (5-Port)

Memory

Maximum Capacity / Modules
Camera Input
Video Output
AV-Aux Input

16 G / 16 G (Streaming) / 16 G / 16 G with
DVR-Auxiliary (up to 16 G / 16 G) (16 G / 16 G)
Camera (AV-Aux Input)
Max 16 G / 16 G (AV-Aux Input)
1.5 Amp (200K)
8 (3-Port) to 8 (5-Port)

Miscellaneous

Special Feature

Max 1.5 Amp (200K) (AV-Aux Input)

No power

- Check and make sure the connecting wires are connected correctly
- Check whether the fuse is blown. Replace with the proper rated-fuse if necessary.

No sound

- Check and make sure the speaker wires are connected correctly.

No picture

- Check whether the video wire is connected to the video device.

Unit being up

- Press the **RESET** button to restore unit to its default stage.

No function after pressing the buttons or EFT screen

- Press the **RESET** button to reset the unit to its default stage.

Power supply is unable to receive video

- Check whether the video antenna is inserted & properly connected.
- Antenna may not be the proper length. Make sure the antenna is fully extended.
- Antenna may be poorly grounded. Check and make sure the antenna is properly grounded.

Sound cannot be received under radio mode

- Turn the radio frequency accurately.
- The transmitting signal is too weak, set the mode to RDS.

Abnormal ringing, clipping or sound during playback

- The disc is dirty or damaged. Wipe the disc with a dry soft cloth or replace another disc.

Remote control does not work

- Replace new battery of the remote control.
- Point the remote control directly at the remote sensor of the receiver.
- Clean the surface of the remote control.

Buttons not respond

- Check the buttons are fitted up correctly.

Disk inserted but cannot play

- Check whether the disc inserted upside down.
- Check whether the disc is dirty or badly scratched.
- Disc is dirty. Clean it with a dry soft cloth or replace the disc.

The 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.

Changes or modifications to this site not approved by the party responsible for compliance shall void the user's authority to operate the equipment.

FCC ID: 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 residential installations. 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 the 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 interference 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 to an outlet on a circuit different from that of the receiver's circuit.
- Consult the dealer or a competent radio/television technician for help.

This device emits electromagnetic energy and does not have a shield or enclosure to minimize such any other potential hazards.

Electromagnetic Interference

The device has been evaluated to meet general RF exposure requirements, in portable operation configurations, as follows: