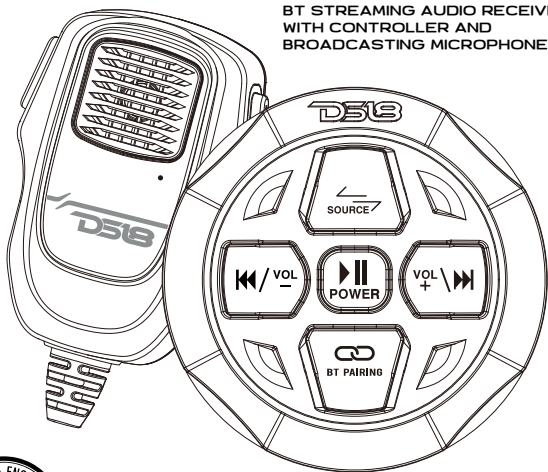**DS18®**

HYDRO

OWNER'S MANUAL

BTRCRMIC

MARINE WATERPROOF UNIVERSAL
BT STREAMING AUDIO RECEIVER
WITH CONTROLLER AND
BROADCASTING MICROPHONE

DS18

SOURCE

VOL / — | POWER | VOL \ +

BT PAIRING

DESIGNED & ENGINEERED
IN
USA

BTRCRMIC

Congratulations on the purchase of the BTRCRMIC. It has been designed, engineered and manufactured for the highest level of performance and quality.

FEATURES
with controller and broadcasting microphone

MARINE WATERPROOF UNIVERSAL BT STREAMING AUDIO RECEIVER WITH CONTROLLER AND BROADCASTING MICROPHONE

Inputs & Outputs: USB Port
USB Charging (1A)
Two RCA Line out
AUX Input

• Designed for marine and powersports applications
• IPX6 water resistance rating
• For All Elements
• BT 5.0 A2DP connectivity
• Wireless connection range up to 35ft*
• USB Input to play your favorite music files
• 3.5mm jack auxiliary audio input
• RCA Pre-output and remote turn-on to connect external amplifiers
• Use it as stand-alone source unit/receiver
• Easy to use - LED illuminated push buttons
• One hole design for easy installation
• Compact size designed to fit easily in the dash of your helm with microphone hanger.

*Conditions may vary the maximum range.

WARNING

While we have designed the mounting system to provide a safe and stable installation, it is important to remember these are objects that will be used in an environment that is extremely bumpy and turbulent. Please consider all possible scenarios where these will be placed and secured.

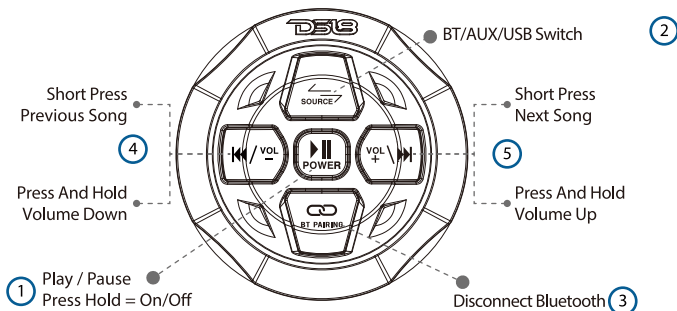*All specifications subject to change without notice*
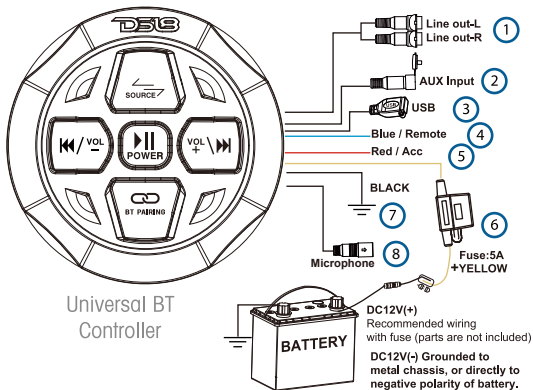
NO.	OPERATIONS - CONTROLS
1	RCA Pre-Output: Audio Signal to the external amplifier (White: Left Ch, Red: Right Ch)
2	3.5mm Jack Audio Input: Analog Audio Auxiliary input using a stereo plug wire
3	USB Port: Connect a USB Drive up to 32Gb with MP3/WMA Audio files
4	Blue Wire: Remote Output, connect this to the external amplifier
5	Red Wire: ACC, connect this to an Accessory switch or a Master Switch, this allows to turn on/off the device to avoid battery from discharging when not in use
6	Yellow Wire with Fuse Holder: Power +12V, connect directly to the battery source (positive)
7	Black Wire: Negative/Ground, Connect this directly to the Negative post or chassis ground
8	Microphone Input: Microphone input using a S-Video plug wire to connection.

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CONTROLS FUNCTION

BT/AUX/USB Switch ②

Short Press
Previous Song ④

Short Press
Next Song

Press And Hold
Volume Down

Press And Hold
Volume Up ⑤

① Play / Pause
Press Hold = On/Off

Disconnect Bluetooth ③

NO	CONTROL	FUNCTION
①	▶II POWER	Short press for Play / Pause Long press 3 seconds for On / Off
②	SOURCE	Short presee to switch BT / AUX In / USB mode
③	BT PAIRING	Long press 3 seconds to disconnecting and repress 3 secods for reconnecting.
④	◀◀ / VOL	Short press for previous song Long press for voulme down continuously
⑤	VOL + \ ▶▶	Short press for next song Long press for voulme up continuously

FUNCTION DEFINITION

NO	CONTROL	FUNCTION	REMARK
①	▶❚❚ **POWER**	Power On/Off: Long press 3 seconds. When playing music, short press for play/pause. Priority access to BT searching after turning on the power, the background light flashes quickly, waiting for BT connection. When it is in pause, the background light flashes slowly.	
②	❙◀◀ / VOL̲	When play the music in BT & USB mode, short press for the previous song; long press for the volume continuously down.	
③	VOL̲+ \ ▶▶❙	When play the music in BT & USB mode, short press for the next song; long press for the volume continuously up, there is a beep when the volume is at its maximum, and it will keep beeping if keep pressing.	
④	◢ **SOURCE**◢	Switiching sources mode, short press for switching Aux In / USB / BT. BT: The background light flashes quickly when searching, and it flashes slowly after connected, and paused at the same time. Aux In: The background light is always on, and the light flashes slowly when you press pause. USB: The background light is always on and play music directly, and the light flashes slowly when you press pause.	Each time you switch the sources mode, you must set the volume back to 1/3 of the total volume by default
⑤	⚭ **BT PAIRING**	BT: Long press for 3 seconds to disconnect the current device connection, long press 3 seconds again to connect to it back.	
⑥	BT Connection	When BT is connected, the blue light will always be on, and the volume synchronized with the phone. BT device name: "DS18-BTRC"	
⑦	Auto connect function	BT will be disconnected if exceed the receiving range. The background light flashes quickly when BT is in searching situation, and waiting for connection. When the device returns to the range, it will automatically be reconnected. After connected, the BT light will flash slowly, waiting for playback. While the device is not in range, other devices can connect to BT.	

Note: Fast flashing: every 0.25 seconds   Slow flashing: every 0.5 seconds

MICROPHONE INPUT WIRING

If you wish to use the public address feature in the BTRCMIC, all you need to do is to connect the custom microphone included with the amplified wireless BT controller.

When you short press the button on the microphone, it automatically cuts off the input from your audio source and presents the microphone signal to the amplified wireless BT controller. The red indicator is ON. At this time, you can adjust the volume of the microphone.

Microphone

You can use the microphone to supplement either AUX or BT input from your signal source. In any case, when the mic switch is engaged, your audio input will be silenced until you press the button again. The red indicator is OFF.

BTRCRMIC

INSTALLATION
SEAMLESS FLUSH MOUNT
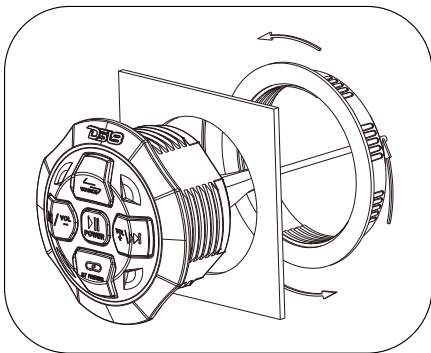
MEASUREMENTS:

Overall Diameter:	3.7" / 96mm
Overall Depth:	2.43" / 61.9mm
Mounting Hole Diameter: ...	3" / 76mm
Mounting Depth:	1.85" / 47mm

SPECIFICATIONS:

Frequency response:	20Hz-20Khz
Signal to noise ratio:	≧80dB
T.H.D:	≦0.1%
Channel Separation:	≧60dB
Power:	DC 12V-14.4V
BT Wireless:	Ver. 5.0
RCA Line Out (Pre-Amp):	1 Pair (Left & Right) 2.5Volts
Aux Line Input:	Plug 3.5mm
Remote Out:	200mA
USB Player:	4Ft Extension Cord

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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 interference by one or more of the followingmeasures:

-- 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.