

USER'S MANUAL

BV435WTR

REAR VIEW MIRROR WITH 4.3" BUILT-IN MONITOR
WITH REAR-VIEW LICENSE PLATE MOUNT CAMERA
AND WIRELESS VIDEO TRANSMITTER AND RECEIVER

BOSS
AUDIO SYSTEMS

BOSS Audio Systems
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tech support: www.bosssaudio.com/support



0316

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REAR VIEW MIRROR WITH 4.3" BUILT-IN
MONITOR WITH REAR-VIEW LICENSE PLATE
MOUNT CAMERA AND WIRELESS VIDEO
TRANSMITTER AND RECEIVER



DO NOT FULLY RELY ON REVERSE CAMERA
WHEN BACKING UP.

ALWAYS CHECK YOUR SURROUNDINGS
BEFORE BACKING UP.

BOSS[®]
AUDIO SYSTEMS

Thank you for choosing Boss Audio

Please read the user's manual carefully before installation and use

Before Installation

- This product is only intended to be used and installed in +12 VDC, negative ground electrical systems.
- Before attempting to install any of the components, plan the location, placement and wiring.
- Before drilling or securing any components, double check for gas lines, brake lines, gas tank, moving parts, or any other vital vehicle part.
- When making electrical connections, it's recommended they be soldered and protected w/heat shrink or electrical tape

Mirror Specifications

Screen Size: 4.3", 16:9 Aspect Ratio

Resolution: 480 x 234

Power Input: 12 VDC, ≥7 W

Input: 2 Video, Auto Switching for Rear View

Video System Support: NTSC/PAL

Operating Temperature: -50° F to +140° F

****Rear view camera must be connected to V2 Source**

Troubleshooting

- 1) Mirror doesn't display the rear view image when its engaged.
 - A) Rear view camera must be connected to V2 source for it switch automatically.
- 2) The mirror won't power up.
 - A) The red wire must be powered up with ACC. The black wire must be grounded properly.
- 3) Camera doesn't turn on
 - A) The camera must be triggered with the reverse signal from the vehicle. The signal will be easily found from the reverse lights.

Tech Support

If you questions regarding the installation or products, please call us

M-F 8:30a-5p PST

805-322-8794

www.bossaudio.com

BV430RVM_0316_2

Camera Specifications

Viewing Angle: 170°

IP68 Rated

Power Input : 12 VDC, 30 mA

Video System Support: NTSC/PAL

Video Output: 1 V p-p, 75 Ω

Auto Gain Control

Resolution: 480 lines

Operating Temperature: -50° F to +140° F

Wireless TX/RX Specifications

Operating Frequency: 2.4 - 2.483 GHz

TX Distance: 35 ft. (11 m) max

Power Input TX: 12 VDC, 110 mA

Power Output TX: 12 VDC, 60 mA

Power Input RX: 12 VDC, 60 mA

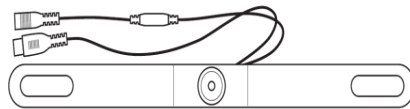
Video System Support: NTSC/PAL

Operating Temperature: -50° F to +140° F

Features

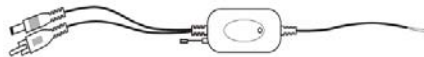


- 1) Video 1 / Video 2 Sources
- 2) Adjust (-)
- 3) Menu
- 4) Adjust (+)
- 5) Power



License Plate Mount Camera

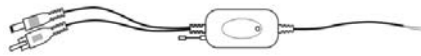
Wireless Transmitter



12 V Output to Camera
Video Signal from Camera

12 V Input

Wireless Receiver



Video Signal to Mirror

12 V Input