

OPERATING MANUAL

SOUNDSTREAM
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LINE OUTPUT CONVERTER iCQ.2

WELCOME TO SOUNDSTREAM

Thank you for choosing **SOUNDSTREAM**. Designed and engineered in the USA, this product combines innovative technology with the finest materials to consistently deliver Absolutely State of the Art performance, sound quality, reliability, and value. This **SOUNDSTREAM** product reflects our commitment to offer you unparalleled performance and quality for years of dependable service and listening enjoyment.

While many line output converters are available. We thank you for choosing Soundstream. The advantage to using the iCQ.2 is that we use the finest quality parts available for unmatched sound quality.

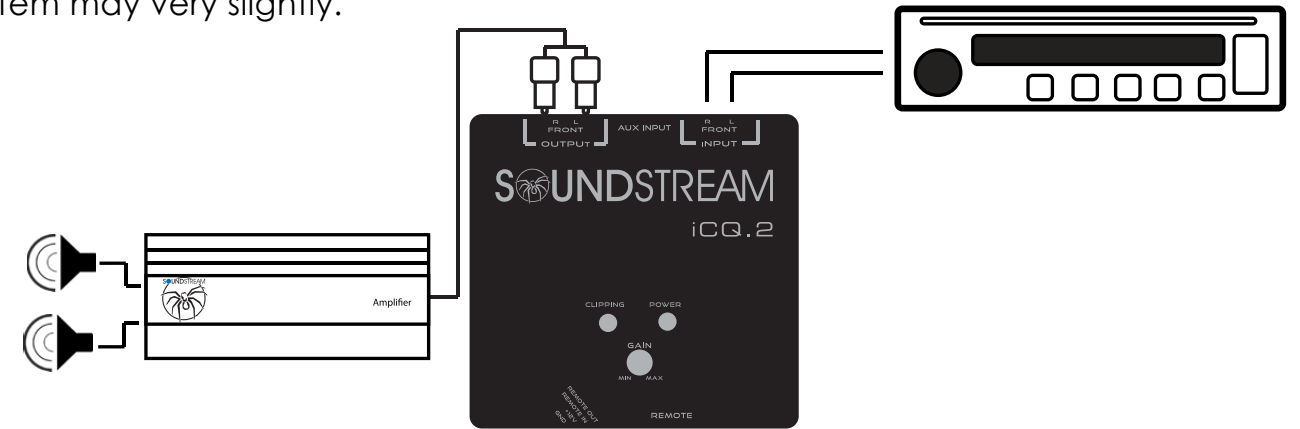
Most factory headunits are designed to roll the lower frequencies off when the volume increases to save the factory speakers. The iCQ.2 will keep constant voltage so at any volume level the sound remains constant as the volume goes up, with no roll off. This results in the best possible sound at any level.

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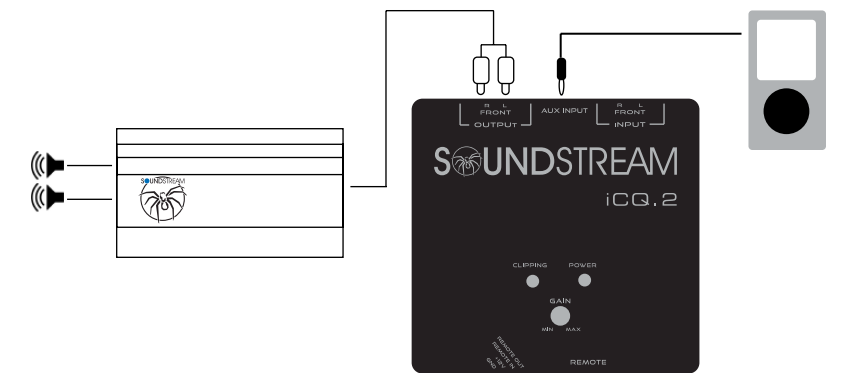
LINE OUTPUT DIAGRAM

The diagram below show a typical installation using the iCQ.2 line output converter. Your system may vary slightly.



LINE INPUT DIAGRAM

The diagram shows a typical installation using the iCQ.2 as a line driver.



INSTALLATION

The Power Connection (12v+ and Ground) should be made with minimum 18g wire. The 12v+ terminal should be connected to 12v positive with a 1A fuse between the iCQ.2 and the power source.

The GND terminal should be connected to chassis ground and should have a ring terminal crimped. The terminal should be connected to chassis ground where all paint and grease has been removed for maximum contact.

Remote In- This wire should be connected to the amplifier turn on wire if equipped. If not amplifier turn on is available hook the wire to 12v+ switched power. This should show 12v+ **ONLY** when the key is on.

Remote Out- The iCQ.2 is equipped with a remote 12v+ output for turning on the aftermarket amplifier. Connect this terminal to the Remote Turn On of the amplifier.

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- A. Power Connection. 12v+ , Ground, Remote turn on are made here. Use minimum of 18g wire.
- Check to make sure all connections are secure. Failure to do so may result in damage to the iCQ.2
- B. RCA Output to aftermarket amplifier. Maximum output voltage up to 11v.
- C. High level inputs from amplifier. Up to 100watts of input at 4 ohm.
- D. Gain control
- E. Power LED indicator
- F. Clipping indicator



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iCQ.2 FEATURES

- All Aluminum chasis
- Signal Sense and manual Turn on modes
- Max output 11.1v
- 100watts of speaker level input at 4ohms
- Remote turn on output
- Clipping LED indicator
- Remote gain control
- AUX input
- Dimensions 4.5"x1"x4.5"

AUX Input is activated by a switch located on the top of the iCQ.2.

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