

Loop Driver Input Cables

For system tests using the FSM, CMR3 & R1

The Ampetronic Signal Connection Cables (SCC) can be used in conjunction with an FSM, CMR3 or R1 Receiver. The cables are designed to connect an audio sound source to a range of induction loop driver inputs in order to provide the signals required to test the system. These signals are available from our website:

www.ampetronic.co/signals

Note - these cables are not intended to be connected directly to an FSM, CMR3 or R1 receiver.

The kit contains 2 cables and an audio adaptor:

3.5mm stereo Jack split to male XLR and 2-pole 3.5mm Jack



3.5mm stereo Jack split to twin phono (RCA) connectors
+ optional RCA to 2-pole Jack adaptor



The cables allow connection from an **Audio Source** on a 3.5mm stereo jack socket such as a headphone output commonly found on most portable audio devices and laptops. They are intended to interface to a wide range of typical inputs and provide appropriate attenuation where applicable e.g:

Line level input - on twin (stereo) phono (RCA / pin jack) connectors

Line level input - on 6.3mm (1/4") 2-pole jack connector with adaptor provided

Balanced Microphone input - using XLR connector (30dB attenuation)

Electret Microphone input on 3.5mm 2-pole jack connector (30dB attenuation)

Outline test Method:

- (1) Identify which type of input connector the test signals need to be fed into.
- (2) Select appropriate cable, and connect between audio source and loop amplifier.
- (3) Adjust the signal source output level and the loop amplifier input level to activate the AGC (until the compression indicator(s) illuminate).
- (4) Set the loop amplifier up according to the manufacturer's instructions.
- (5) Test and adjust the system as appropriate to achieve performance.
- (6) Remove test cable for use during next system test.

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