# 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.