

Premier Acoustic Product Datasheet



ET30 INDUCTION LOOP KIT



Description

The ET30 Induction Loop Kit is designed for user-friendly installation to walls, desks and counters. The front of the amplifier is printed with the AFILS logo, with text boxes to allow the name of the responsible person and their contact number to be written in. The controls ('Mix' and 'Drive') are recessed to hinder unauthorised adjustment and LED indication is provided for the presence of power and loop current.

The amplifier has two microphone inputs that are mixed together, with the balance between the two inputs set via the mix control. This allows the unit to operate with a main microphone and an ambience microphone if required.

The unit incorporates the latest design in audio processing allowing varying microphone levels to be compensated automatically, whilst preventing any sudden loud noises from reaching the output stage. The compressor ratio is dynamically variable and will automatically change from 1:1 to over 20:1 in the case of limiting. The unit also provides an automatic noise suppression system, reducing the level of audible hiss from the compressor as gain is added to the system.

The output stage for the ET30 incorporates a true constant current design, which will drive loop coils from 0.1ohm to 1 ohm and is specifically designed for single turn loops in desks or counters. The output level is set using the drive control and is protected against over temperature, DC offset and has a soft start facility removing loud clicks and pops when the unit is turned on.

Therefore, the kit comprises of the following components:

- 1 x ET30 induction loop amplifier**
- 1 x Desk microphone**
- 1 x Tie-clip microphone**
- 1 x Loop coil**
- 1 x Loop sign**
- 1 x Mains lead**
- 1 x Installation guide**