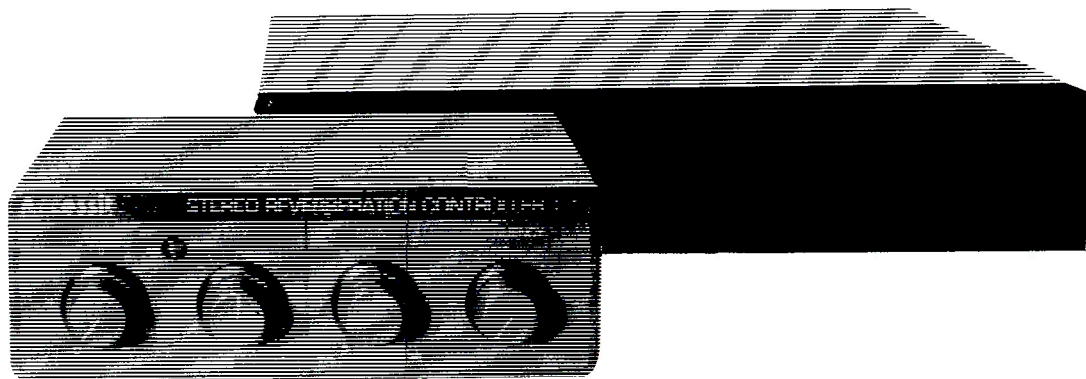


Reverberation Unit Operating Manual



Interfacing

The unit is supplied in two pieces. The Reverberation Controller contains all the controls and interconnection sockets. With the 5 pin din lead supplied connect the remote Reverb Unit to the socket marked "O/P TO SPRING UNIT". Connect your power supply to the centre din socket. The input socket can be connected to either a line level source, or a high impedance microphone. If a low impedance microphone is used, you will require a matching transformer. The outputs of the unit are at line level, and will drive into loads greater than 1 kilohm.

Operation

When used as a reverb device only, for example with a mixer, the input socket should be connected to the "ECHO SEND" or "AUX O/P" of the mixer, and the outputs to the "ECHO RETURNS" of the mixer. The mix control should then be set to the "WET" position. The input level control should then be adjusted such that the peak overload indicator only flickers on when there are loud passages of programme material. When used in the "IN LINE" mode the amount of reverb is adjusted by use of the mix control. The tonal quality of the reverb is adjusted by use of both the frequency and gain controls on the built in sweep equalizer. Firstly adjust the gain control to maximum cut or lift according to your needs. Secondly sweep the frequency control until the required frequency or pitch is found. Then readjust the gain control until the desired amount of gain is found. Finally re-check the input level control so that the peak overload indicator is very rarely lit.

Specifications

Inputs: -40/0dBm/10kohm

Stereo Out: 0dBm at 600ohm

Noise: less than -60dBm

Reverb Time: 3.5 Secs

Equaliser: ± 12 dB at 1kHz/8kHz

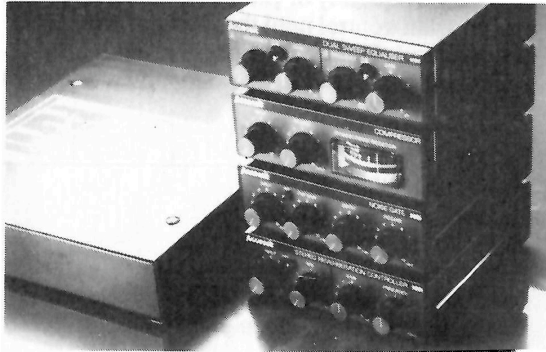
Power Supply: 24VDC, -ve grd

Guarantee

We Bandive Ltd, guarantee that should this Accessit unit prove to be defective by the reason of faulty workmanship or material within 3 years of the date of purchase, we will repair or at our option replace the defective part free of charge for labour or for materials on the condition that;

1. The unit has been correctly installed and used, and powered only on the supply voltage marked on the back of the unit.
2. The unit has not been tampered with or otherwise been subject to misuse, neglect or accident.
3. The unit has not been taken apart, modified or repaired except by a person who is authorised by us.
4. The unit if replaced, shall become our property, as shall any defective part replaced by the Company or on our behalf.
5. The unit is returned to us or our appointed repair station in its original packing.
6. Any guarantee claim outside Great Britain or the Republic of Northern Ireland is to include a prepayment of postal or shipping charges to and from the purchaser.
7. Evidence of the date of purchase (in the form of a receipt or invoice) is shown to the service department or company representative, if requested.

Write for details of our complete range and application notes.



Power

There are several options for powering. The connector is a 3 pin DIN and the conventions are clearly marked on the back panel. Current drain is approx 60mA

1. The Accessit Mains adaptor is terminated to provide an unregulated DC voltage in the region of 25V. It's the most economic method to power a single unit.
2. Local supplies, observing polarity, may be used directly. We recommend that the voltage should be in the region of 20/25V.
3. The Accessit 4 way power unit is an extremely stable, ripple free supply, that can be used with several Accessit processors. A regulated 18V connection is made.



4. Dry battery power can also be used. As well as connection via the 'unreg' pin, two 9V batteries in series may be used by direct connection to the 18V pins. Use a capacitor of approximately 1000 mF_d across the terminals to eliminate any instability.

NOTE: Always observe polarity and never apply higher voltages than stated.

This unit should not be subjected to any physical or electrical shock. Avoid dirt and excessive heat, otherwise regular maintenance is not required. Should a fault develop, contact your supplier or return the unit directly to the manufacturer in its original packing box with proof of purchase and a full description of the fault.

Accessit products are manufactured by;
Bandive Ltd.
Brent View Road.
London NW9 7EL
England
Telex Number 25769