

The Music Box

The music box is supplied with a mains plug, containing a 5A fuse. Plug into a convenient mains socket and switch on. The indicator should glow red. If the indicator does not glow it may be that the selector is set between voltages. Use a screwdriver to select the required voltage. If the red indicator's brightness starts to fall, this indicates that the voltage has not been correctly set - simply turn the selector fractionally until the indicator glows steadily. The keyboards should be plugged in one at a time using the leads supplied - the leads may be safely inserted whilst the unit is switched on.

Please note that grey leads should be used with keyboards having positive centre sockets (e.g. Yamaha) and white leads should be used with keyboards having negative centre sockets (e.g. Casio).

When removing plugs from the Music Box or the keyboard, ensure that the plug is gripped firmly and pulled out straight. Withdrawing the plugs at an angle or pulling them out by the lead strains the electrical connections and will shorten the life of the lead.

As the plugs are pushed into The Music Box, the red lamp may flash red momentarily - this does not indicate a fault and can be ignored.

Problem Solving

Red indicator does not illuminate - check the fuse in the mains plug and check that the voltage has been correctly set (see above). Please note: the mains plug fuse should be replaced with a 3A or 5A fuse. Never use a 13A fuse as this will not protect the unit or the cable.

None of the keyboards work - the most likely cause is that one of the leads or keyboards has developed a fault. Unplug the leads from the Music Box one at a time until the fault is located. If the fault is in the lead, this may be repaired, as the plugs are of a non-moulded type. The type of fault that would cause the unit to shut down is a 'short circuit'. This means that the two wires inside the plug are touching.

During use, the red led extinguishes or dims - switch off the unit and allow to cool for five minutes. One or more of the leads has been short circuited for a prolonged period and the unit has protected itself against damage by automatically shutting down.

Electrical Safety Testing

The unit is classified as Class 1 for the purposes of safety testing. Suitable earth test points are the two bolts at the rear of the case base. For further details on safety testing, please refer to Health and Safety Executive leaflet GS23 (ISBN 0 11 883567 X).

Specification

Input

Supply voltage	230V ac
Supply frequency	50Hz
Maximum power	75W
Panel fuse rating	2A quick blow
Mains plug fuse rating	3A

Output

Voltage	12V unregulated smoothed dc
Maximum output current	6A

Electromagnetic Compatibility

The use of this apparatus outside the classroom, laboratory, study area or similar such place invalidates the conformity with the protection requirements of the Electromagnetic Compatibility Directive (89/336/EEC) and could lead to prosecution.