

## Crescendo 30/1 & 30/3

**WARNING :** The sound output levels from this system can be very high. It is recommended that the volume control should be turned to the "OFF" position before changing the battery or plugging in or unplugging the headphones or microphone.

### Instructions for use

1. The amplifier will need charging before first use. See battery recharging section.
2. Plug the microphone into the socket marked <MIC> and the headset into the socket marked <PHONES>.
3. Attach the microphone to the television speaker grille using one of the self-adhesive Velcro pads supplied. Peel off the backing paper and press the pad firmly in place. The Velcro already on the microphone will then fasten to the pad if lightly pressed in place. To remove the microphone, pull it away gently. The microphone may be used on other equipment such as a radio or Hi-Fi.
4. Set the television to the normal listening level for the other members of your household and turn the Crescendo's volume control clockwise until the desired headset volume is reached. Remember to switch off the amplifier when not in use by turning the knob fully anti-clockwise, when a "click" will be felt.
5. The amplifier is fitted with a 3 position switched Tone control on the side. In the <HIGH> position the amplifier will emphasise the higher frequency range and in the <LOW> position the lower frequency range. In the <NORM> position the high or low frequencies are not emphasised.
6. To receive signals from a loop system unplug the microphone. This allows a pick-up coil to receive signals from an inductive loop system installed for use by hearing aid users. This is like a hearing aid switched to the "T" position. It may be necessary to turn or move the amplifier to get the best signal.

The product should give a long and trouble-free service if the following points are observed.

- Treat the headset and microphone leads carefully, they are quite thin in order to be convenient and comfortable to use.
- DO NOT wrap the leads around the amplifier.
- DO NOT leave leads trailing across the floor to be tripped over.

### Battery Recharging

To recharge the amplifier plug the charger into the charger socket on the side on the amplifier and into a mains socket. Make sure the mains socket is switched on. The amplifier should be fully charged in about 12-14 hours.

It is recommended that the unit is allowed to run down, rather than putting it on charge frequently. The battery will give about 60-80 hours use before recharging is necessary. The system can also be used whilst it is being recharged. The system has been designed to prevent damage caused by overcharging but it should not be left on charge for more than 24 hours.

The internal battery pack will eventually wear out and will have to be replaced. Sarabec offer a battery replacement service, please contact the company for details. No attempt should be made to replace the battery pack.

The charger supplied with the Crescendo 30 amplifier has been designed specifically for the purpose. The use of other types may damage the system. Replacement chargers are available from Sarabec.

### Problems and Cures

Problem	Cure
<b>No Sound</b>	<ul style="list-style-type: none"><li>• Headset &amp; microphone in wrong sockets - change round.</li><li>• Battery exhausted - recharge.</li></ul>
<b>Low or distorted sound</b>	<ul style="list-style-type: none"><li>• Battery almost exhausted -recharge.</li><li>• Headset blocked with wax - clean headset ends or fit new forkends</li></ul>
<b>Buzz or squeal after short time</b>	<ul style="list-style-type: none"><li>• Battery almost exhausted, system will seem OK when first switched on - recharge</li></ul>
<b>Crackling or Sound goes on &amp; off</b>	<ul style="list-style-type: none"><li>• Dirty plug - clean plug.</li><li>• Faulty lead - wiggle lead by plug to find faulty lead, replace lead.</li></ul>
<b>Tinny or muffled sound</b>	<ul style="list-style-type: none"><li>• Tone control in wrong position - switch to another position.</li></ul>
<b>Battery runs down quickly</b>	<ul style="list-style-type: none"><li>• Battery worn out - contact Sarabec for details of replacement service</li></ul>

**If in doubt please contact your dealer for assistance.**

The headset ends can be removed for cleaning and removal of wax. They can be washed in warm soapy water but must be thoroughly dried before replacing.

Headphones or neck loops with mono jack plugs will not work correctly with the Crescendo 30 and may cause damage to the amplifier.

If the system needs to be returned for repair please send the complete system including the amplifier, charger, headset and microphone. Please state the nature of the fault and the return address. If the system is still under guarantee please state this and provide proof of purchase.

**Accessories and Spares**

A full list of accessories and spares with prices is shown in our current product guide, available on request. Please check the current price and quote both the description and part number when ordering.

<b>Part No.</b>	<b>Description</b>
330-001	Standard Microphone with 4m(12ft) BLACK lead and Velcro pads
330-007	Standard Microphone with 4m(12ft) WHITE lead and Velcro pads
330-100	Short lead Microphone with 1m(3ft) BLACK lead
330-009	Communicator Microphone with NO lead, direct plug in.
353-090	Crescendo direct audio lead kit to replace microphone
353-092	Crescendo direct audio lead for SCART socket
353-024	Microphone extension lead 3m(10ft)
353-025	Microphone extension lead 5m(15ft)
330-044	Velcro pads kit, One hook type and three black loop type pads To obtain this kit only, please send two second class stamps
310-111	Stethoscope headset complete
302-016	Stethoscope headset lead
301-007	Stethoscope headset foam pads (pack 10)
303-051	Lightweight headphones
201-105	Neck Loop with 1m(3ft) lead
302-027	Ear Loop with 1m(3ft) lead
304-004	Crescendo 30 charger 6V 200mA



Product conforms to the provisions of the following European Union Directives :

- 73/23 Low Voltage Directive
- 89/336 & 92/31 Electro Magnetic Compatibility Directives
- 93/68 CE Marking Directive

# Crescendo 30/1 & 30/3

## Personal Sound Systems

### Owner's Manual

#### Introduction

The Crescendo 30/1 system is an easy to use rechargeable amplifying system for use without a hearing aid. With one simple volume control the user's volume can be easily varied without affecting others. A 3 position tone control allows you to boost the high or low frequencies to suit your needs. A loop pick up facility allows you to pick up loop signals without using a hearing aid.

The Crescendo 30/1 is supplied ready to use with a microphone, high efficiency stethoscope headset, self-adhesive Velcro™ pads and mains charger..

The Crescendo 30/3 is supplied as the 30/1 but without a headset to enable you to use your own headphones. The output is suitable for use with most types of headphones with an impedance of 32-1000 ohms and fitted with a 3.5mm STEREO jack plug.

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