



# VA50-TV

audio frequency  
induction loop systems

## Domestic TV induction loop system

### Vivid Acoustics VA50-TV

Fully compliant with EN60118-4

Designed for use in the home with your existing television set, the **VA50-TV** allows hearing aid users with a "T" switch (Telecoil) to listen to their favourite programmes without the need to raise the volume excessively, potentially disturbing family members or neighbours. It is ideal for use in your lounge, dining room, study or even your bedroom. The **VA50-TV** is a mains powered room loop, and is supplied with everything needed to create an Induction Loop System in your own home, and will cover rooms up to 50m<sup>2</sup> (7m x 7m).

### Ease of Installation

The **VA50-TV** is simple to install with our easy to follow installation instructions.

In most situations, installation should take no more than 45 minutes. Alternatively, we will be more than happy to carry out the installation for you (contact Vivid Acoustics for details).

The **VA50-TV** amplifier should be positioned close to the TV, with the amplifier fixed to a wall. From here, the loop cable can be positioned either around the skirting board and doorframe, or if preferred, positioned under the carpet to keep it out of sight. Sound from the TV is fed to the amplifier via the phono / SCART lead provided\*. A microphone is also supplied which can be placed near your telephone or doorbell, to ensure that you do not miss important calls whilst watching TV. Once installation is complete, adjust the gain control on the front of the **VA50-TV**, with the screwdriver provided, until the desired volume level is obtained. No further adjustment will be required.

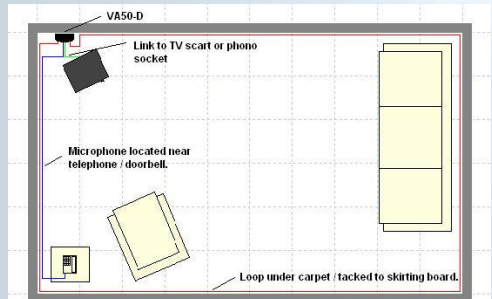
The **VA50-TV** is literally a 'Fit & Forget' solution. It can be switched on or off as required, or can simply be left on continuously if preferred.

\*In the event that your TV has neither a SCART nor a phono socket, the microphone can be attached to the speaker of your TV using the self-adhesive clip provided, thus the sound from your TV can still be transmitted by the **VA50-TV** system.

### Why Choose Vivid Acoustics?

Vivid Acoustics produce the most exciting range of Induction Loop Systems available on the market today.

All Vivid products are renowned for offering unparalleled sound clarity and are attractively designed to blend in with your surroundings.



# VA50-TV Specifications

## Set-up & Operation

Once the gain control has been adjusted to give the desired volume level, there are no other user adjustments required. Simply follow the installation instructions in the user guide supplied.

## Power supply

**ONLY THE APPROVED POWER ADAPTOR SUPPLIED MUST BE USED**

## Technical Information

Overall dimensions:	185mm x 87mm x 45mm
Weight:	220g
Finish:	ABS, fine textured
Fixing holes:	For 2 off No.8 screws on a 140mm pitch
Colour:	Black.
Inputs:	1 x mic level, 1 x stereo line level
Output:	2 way screw-less terminal block for loop connection
Output current:	0.9A <sub>RMS</sub> average 3.0A <sub>RMS</sub> (125ms peak)
Loop resistance:	0.1 to 1 ohm
Dynamic range:	> 60dB
THD+N:	< 1% (amplifier only)
DC input:	15V @ 1A maximum
Power supply:	Input: 100 – 240V <sub>AC</sub> 50Hz @ 0.45A maximum Output: 15V <sub>DC</sub> @ 1A maximum Short circuit protected
Operating temp:	0°C to +45°C. Unit must be kept dry
Storage temp:	-20°C to + 45°C. Unit must be kept dry
Approvals:	EN50081-1: 1992
(VA50 only)	EN61000-3-2: 2000 EN61000-3-3: 1995, A1: 2000 EN61000-6-1: 2001 EN60950: 2000
Parts supplied in kit:	VA50-TV amplifier and adjustment tool Dedicated plug-top power supply SCART to phono adaptor Phono lead for connection to amplifier Microphone with extension lead 37m of loop cable and cable clips Ear sticker Installation instructions and mounting template

**The product herewith complies with the requirements of Directives 89/336/EEC; 1995/5/EC and 73/23/EEC; 1995/5/EC and carries the CE-marking accordingly.**

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