Dittel LX-1000 AUDIO VARIO/SPEED DIRECTOR

After knob twiddlers have twiddled all the knobs, reset things as follows:-

MC	Set to 1. This is the expected strength of your next thermal in metres per second. 1m/s = 2kts. If you find that the speed director is determined to fly you into the ground, then turn the MC setting down.
N/M	Set to N for Normal and M if the wings are covered with mosquitoes (or any other debris).
AUTO / SC	Set to Auto. The centre position makes the device become a normal electric vario – **SC** gives a speed director. Auto changes to a director as you go above 54kts and changes back to a normal vario as you go below 48kts. When in director mode, the electric vario needle points *down* for faster and *up* for slower.
BATT/TEMP	The display gives battery voltage or temperature (°C) as switched.
BAL	(Ballast) this sets the wing loading in kg/m². Set to 30 for light pilot, 32 for heavy and up to 50 if full of water.
R	1 = vario indicator scale is as marked ie ±5 m/s or ±10kts 2 = vario indicator scale is * 2 ie ±10 m/s or ±20kts 0.5 = vario indicator scale is * 0.5 ie ±2.5m/s or ±5kts Normally set to 1 to give a 5 m/s (10kts) vario.
…	2.5}
.	0.8} second damping. Normally set to 0.8, the others give more damping.
..	1.5}
V	Volume
ON	If you don't understand this switch, then give up immediately.
DISPLAY	The display gives the average rate of climb (or descent) over the last 25 seconds.
NOISES	The audio gives an intermittent tone for climb and a steady tone for sink. In director mode it remains silent if you are flying at approximately the right speed, intermittent if you are flying too fast and continuous if you are flying too slowly.