

Satellite hunter: identifies satellites and DVB-S services



The **PRODIG-1+** has been designed to guarantee the maximum number of installations with the best possible quality, thereby helping the installer to evaluate the results.

The instrument directly determines if signal quality is sufficient for good reception. This is done on the basis of the internal BER measurement and the signal / noise ratio (SNR).

The **PRODIG-1+** is a very easy to use instrument that guides the user through 3 steps, enabling the desired satellite to be located, guaranteeing its identification and accurately adjusting the receiver antenna to obtain the best possible signal quality.

of the service or satellite for a maximum of 16 satellites that can be programmed as the user deems appropriate.



■ Exclusive for one single satellite

It is very useful to program the channel plans according to the specific necessities of each application. This way, the instrument can incorporate the channel plans of different satellites so to be able to access directly to each one of the services.

■ Identification of up to 16 satellites

In IDENTIFICATION (2) mode, the equipment reads the information it receives from the satellite, presenting the orbital position and name



1.- Detection

It works as a wide band detector indicating power of all satellites present on the trajectory of the antenna.



2.- Identification.

The instrument tunes to preset test points, reads the Transport Stream and displays the identification of the service on the display. It allows identification of one specific service or satellite. The BER measurement is presented in two different ways, as it displays "ber" when the quality is below DVB quality standards and "BER" when it is above it.



3.- Optimisation.

Based on measurements made on the demodulated signal user can optimise the skew and fine-tune the dish.



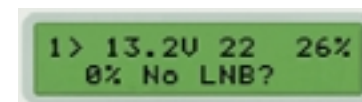
■ Rough Construction

The equipment is built into a tough ABS box with a fully watertight front panel.

The input connector is replaceable and the instrument is shipped with BNC and F connectors. The equipment includes a carrying bag with a belt, freeing the installer's hands for carrying out readings.

■ Detection of short circuits and protection

The equipment allows detection of LNB consumption. Outages in the cable or faulty LNB operation will be indicated by the equipment. It also has a short circuit detection feature.



■ Long operation time

The **PRODIG-1+** has been designed to allow continuous supply to universal LNB for over one hour with standard Ni-MH batteries and over 2 hours with Li-Ion batteries (OP-001-11).



The charging time is short; just one hour for a nearly-complete charge (3 hours with OP-001-11) and it can be made from the mains or from the car lighter adapter..