

## GROUP HAND HELD TERMINAL

Group Hand Held Terminal (GHHT) is universal device used for configuration both, primary (node/ amplifier) and slave (end amplifier) device of calibrated network with star topology.

GHHT enables extremely easy autoalignment (both in up- and downstream) of amplifiers in the cluster from one "group location". It significantly decreases the network installation time and requires less truck rolls to end amplifier locations.

When using the GHHT the whole calibration process of HFC network requires less work experience staff - as it has very intuitive menu and it's necessary to insert just few basic information about required network parameters from primary device location.

Both, RF and RS cables needed for communication between the GHHT and device, are integrated part of the Terminal.

GHHT is equipped with internal memory card for saving all settings from programmed devices, what eliminates the necessity of manual reporting from installation visit. That feature gives significant OPEX reduction and ensures high quality of network documentation.

GHHT has mini USB slave port for data exchange with computer/laptop and RJ11 for local firmware exchange in configured devices.

GHHT can be powered from unit that is being programmed, however it may also be equipped with battery kit.

### GHHT



- ▶ Universal device
- ▶ An Intuitive Menu
- ▶ Increase in quality of network documentation
- ▶ Decrease instalation time
- ▶ OPEX savings in network installation and maintenance

## PRODUCT SPECIFICATIONS

PARAMETERS	
Pilot	
Pilot frequency LO	105 ± 5 MHz
Pilot signal level LO	124 ± 3 dBμV
Pilot frequency HI	868 ± 5 MHz
Pilot signal level HI	124 ± 3 dBμV
Powering	
External powering through USB or RS port	
DC Voltage	5 V
Current	450 mA
Display	
Resolution backlight / graphic	128 x 128 px
Keyboard	
	pneumatic
Ports	
Digital communication with amplifier	D-sub 9-pin
RF communication with amplifier	F (female)
Communication with laptop	mini USB typ B
Impedance	75 Ω

OTHER	
Internal flash memory	8 Mb
Operation temperature range	-20 ÷ 60 °C
Dimensions	214 x 100 x 35 mm
Weight	0.375 kg

