

SURVEY SIGNAL GENERATORS

STxx SERIES



OVERVIEW.....

The LMW Electronics range of STxx Survey Signal Generators have been designed for the GSM, PCN, PCS, DECT, UMTS, mobile and cordless phone bands.

As the UK's networks have been expanded, the need for effective selections of transmitter sites has proved essential. LMW's STxx range of survey signal generators has provided a highly effective ally in the battle to site base stations efficiently and economically.

The LMW STxx Survey Signal Generator is built in a rugged, rainproof carrying case. A stable synthesised 20 watts is available over the GSM, PCN, PCS, TETRA and the new cellular bands in the range 870MHz to 2.2GHz, in optimised range options.

FEATURES.....

- Rugged unit.
- Fully portable.
- Rainproof.
- AC or DC Power Input.
- Fully calibrated.
- LCD readout.

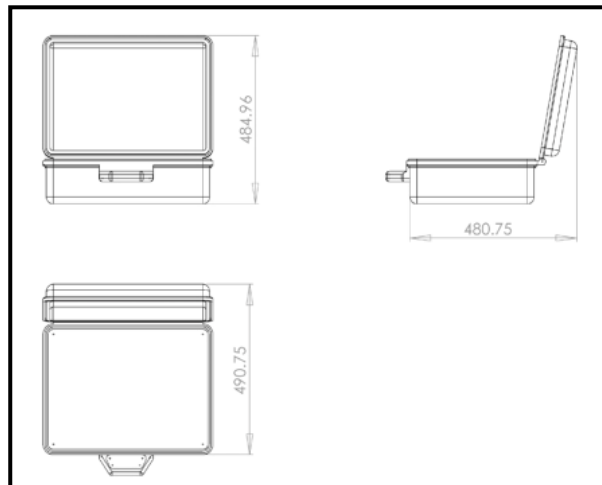


The Association of
Police and Public
Security Suppliers



Leading the field,
securing the vision

ST9FSV	870-960MHz as standard (GSM/TACS/ETACS)
ST16FSV	1750-1900, (100MHz Opt. Band). (DCS1800)
ST24FSV	2100-2200, (100MHz UMTS Opt. Band). UMPTS
Frequency readout / Status indicators	4 line LCD display / indicate fault conditions
Frequency / Power control	16 way matrix keypad with direct frequency or channel input
Channel spacing	Dependent on band / segment in use, (from 25kHz up to 200kHz)
Phase noise / spurious	-90dBc/Hz @ ± 10 kHz / -60dBc –spurious
Output power (high power)	20W ± 0.5 dB over range (STxxS)
Variable low power	nominal 2-18 Watts
Power supplies	110-240V AC @ 100VA, typically nominal 12V DC (input range 11-15V), 6A for ST9S, 8A for ST16S/ST24S, typically
Stability	frequency: ± 1 ppm over 0-50°C power: ± 0.5 dB over 0-50°C (optimised Band ST16/35/24 only)
Connectors	AC & DC input both Mil. Connectors antenna: 50 Ω N-Type female
Optional accessories	Antennas, (3dBi, 7dBi), cables, power metres, tripod masts, remote control
Weight	approx. 15kg (32lbs-ST16S)



ORDERING DETAILS

PART NUMBER	VARIANT
8831004 ST9FSV	870-960MHz
8831002 ST16FSV	1750-1900
8831001	2100-2200

LMW Electronics Ltd
LMW House, Leaside,
Desford, Leicester.
LE9 9FS UK

Tel: +44 (0)1530 231141 Fax: +44 (0)1530 231143
Web: www.lmw.co.uk Email: lmwsales@lmw.co.uk



Leading the field,
securing the vision

Whilst LMW Electronics Limited make every effort to ensure that the information provided on this datasheet is accurate and up to date, LMW will not be responsible for any errors or omissions. LMW Electronics Limited reserve the right to revise the content and terms at any time, without notice.