Nagra E

Portable mono analogue recorder

¼" analogue tape recorder	Confidence playback
Designed for radio reporters	Monitoring speaker
Single speed 19cm/s NAB or CCIR	Modulometer
Single microphone and balanced line input	Self-contained
Reference generator	Lightweight and reliable

General information

The Nagra E is particularly sturdy and simple to operate and service. It is designed to be adjustable and serviceable in the field, thanks to its simple circuit design, component markings and the enclosed circuit diagram indicating test points and voltages. Furthermore, the meter can be used as a voltmeter with the internally provided test probe. A number of electronic components are enclosed for easy servicing.

The machine can be powered from either an external supply (ATN-4 Order # 70 14 378 000) or internal batteries (12 D cells).

Specifications

THD at 400 Hz	< 0.9 % at 0 dB, < 2 % at +3 dB
Frequency response	50- 15000 Hz at +/- 2 dB
Signal to noise ratio	62 dB ASA A weighted
Erase depth	12000 Hz recorded signal > 79 dB
Wow and flutter	+/- 0.1 % (DIN 45507)
Reference oscillator	1 kHz signal, 0 VU level – 8 dB
Built in reference oscillator	For tape calibration –12 dB @ 1 kHz, 6.3 kHz and 10 kHz
Operating range	- 20 to 70 °C
Autonomy	In continous operation 20 hours

Inputs / output

Mic input	3 pin XLR's
Mic powering	"T"power, Dynamic
Sensitivity	From 0.2 mV to 4 mV / 0 dB
Line input	On microphone input, 2.5 mV / 0 dB
Line	Assymetrical with output load > 300 Ω, 0.94 V for 320 nWb/m

Physical

Dimensions	315 x 226 x 104 mm, (12.4 x 8.8 x 4 inch)
Weight	5.5 kg, 12.1 lbs (12 cells and tape included)

Optional accessories

External accessories

20 99032 000	ETS	Soft carrying case, delivered with shoulder strap QHC-2
70 98254 000	PA-4	Set of 4 Ah rechargeable cells
70 13908 000	CS	Line output cable 3 m (10 ft), 2x3 banana