Audio Frequency Receiver UL 7

In connection with audio frequency transmitter (TG) and detecting rod (SP 8) the receiver UL 7 is used for route tracing and depth location of buried cables or metallic lines (e.g. water pipes). With ground microphone (BM) and surge voltage generator (SSG) an accurate location of cable faults is possible.

Features:

- sturdy, drip proof metal housing
- incorporated loudspeaker
- instrument for analog indication with scale illumination
- automatic switch-off in case of disconnection from ground microphone or detecting rod
- variable frequency filter for suppression of interferences

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Technical data

	UL 7
Operating modes	Detecting rod: all filters applicable Microphone: filter 3 and filter 4 applicable Coincidence measurement: acoustic, visual evaluation; the magnetic pulse is evaluated with the instrument, the acoustic signal via headphone or loudspeaker
Input impedance	for detecting rod SP 8 < 10 nA for ground microphone BM 8 < 1µV
Amplification	≥ 100 dB, adjustable
Filtering modes	Filter 1 - selective filter 10 kHz, band width 15 Hz Filter 2 - selective filter 2 kHz, band width 15 Hz Filter 3 - band filter 50 Hz - 10 kHz Filter 4 - tunable band filter 50 Hz - 10 kHz band width ± 15 % of adjusted frequency f_0
Headphone output	3-pin jack plug, 6,3 mm; 16 Ω (automatic switch-off of loudspeaker)
Power supply	9 V (6 batteries IEC R 14)
Operating time	with one set of batteries approx. 45 h
Operating temperature	- 20° C to + 55 ° C
Dimensions (w x h x d)	approx. 185 x 88 x 160 mm
Weight	approx. 1,7 kg (incl. 6 batteries IEC R 14)

Order instructions

Audio Frequency Receiver UL 7 with accessories	414-016
Delivery includes: 6 Batteries Alkaline 1,5 V IEC R 14	567-030
Carrying strap, with adjustable quick release	670-033
Headphone KH 8	414-529
Options: Search - coil SP 8 with canvas bag	414-528
Selecting coil for 2000 Hz; AS 2 / 8	414-524
Selecting coil for 10000 Hz; AS 10 / 8	414-526
Ground microphone BM 8	414-527
Coupling coil IP 8	461-748
Head phone encapsulated against ambient noise KH 8 S	414-507

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