# Technical data sheet LK 6-2-D

EACH SYSTEM INCLUDES

- handheld transmitting unit LK 6-2
- belt pouch
- panel serigraph kit
- receiving unit type D
- 220 Vac battery charger
- 2 rechargeable NiMH batteries
- user manual
- EC declaration of conformity
- warranty certificate
- radio equipment frequency 433 MHz R&TTE

CAPTION

▼	double step pushbutton	▯	Stop pushbutton
▼▼	Start/Horn pushbutton	🗝	On/Off key
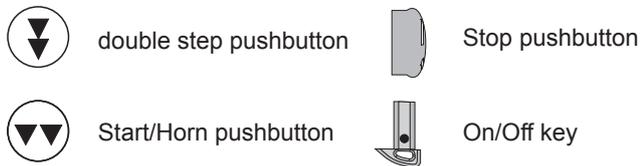
PANEL SERIGRAPH KIT
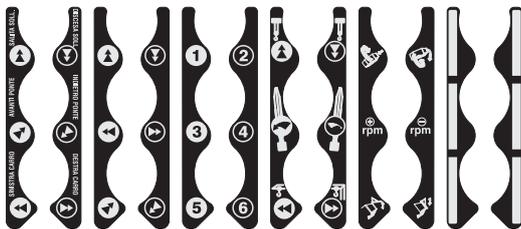
RECEIVING UNIT DRILLING TEMPLATE

A = 148 mm
B = 116 mm
C = 253 mm

STOP — 1, 2, 3, 4
SAFETY — 5, 6, 7, 8
START — 9, 10, 11, 12, 13, 14
ENABLE — 15, 16, 17
RL1 — 18, 19
RL2 — 20, 21, 22
RL3 — 23, 24, 25
RL4 — 26, 27, 28
RL5 — 29, 30, 31
RL6 — 32, 33, 34
RL7 — 35, 36, 37
RL8 — 38, 39, 40
RL9 DSW2 — 41, 42, 43
RL10 DSW3 — 44, 45, 46
RL11 DSW4 — 47, 48, 49
RL12 DSW5 — 50, 51, 52
+ Vdc — 53, 54
PWR/ENA — 55, 56

POWER SUPPLY (450mA) AC INPUT VOLTAGE — N, 25V, 35V, 50V, 110V, 230V

autec
RADIO REMOTE CONTROL
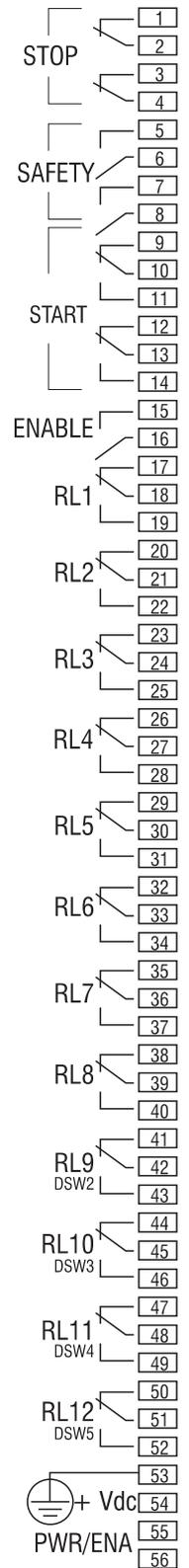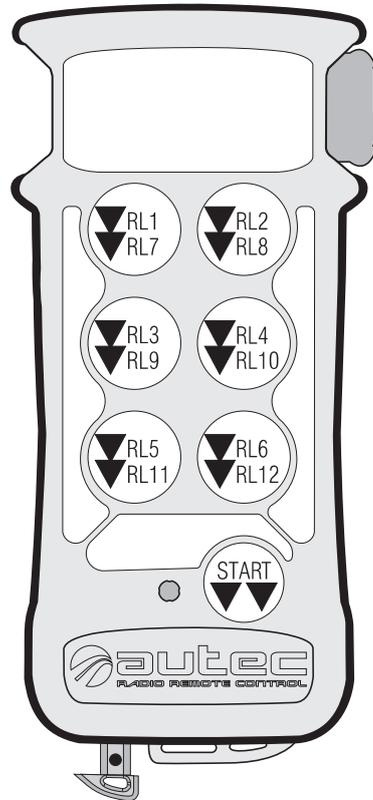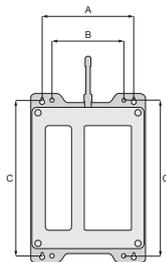
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TECHNICAL DATA

GENERAL	
Frequency band	433.075-434.775 MHz (16/32 channels) / 869.7-870 MHz (12 channels)
Hamming distance	≥ 8
Typical operating range	100 m
Stop safety category	category 3 EN 954-1
Number of available on/off commands	12 + Start and Stop
Command response time	~ 100 ms
Stop command response time	~ 100 ms
Channel spacing	25 kHz
Performance of radio receiver	class 1 EN 300220-1
Probability of undetected error	$<10^{-11}$
Modulation	GFSK
Passive stop time	0.35/1.5 s
TRANSMITTING UNIT	
Power supply	2.4V - 1.6 Ah (NiMH battery)
Autonomy with fully charged battery (continuous use at 20°C)	~ 12 hours
Operating and storage temperature	(-20°C)-(+55°C) / (-40°C)-(+70°C)
Transmitting unit RF power	<10 mW ERP (433 MHz) / <5 mW ERP (870 MHz)
Low battery warning time	3.5 minutes
Protection degree	IP65
Dimensions	80x185x43 mm
Weight (including battery)	420 g
Housing material	PA6 (20% fg)
Antenna	internal
RECEIVING UNIT	
Power supply	25/35/50/110/230 Vac ± 20%
Antenna	dedicated
Stop/Safety contact rating	4A (250 Vac)
Command contact rating	6A (250 Vac)
Operating and storage temperature	(-20°C)-(+70°C) / (-40°C)-(+70°C)
Protection degree	IP65
Dimensions	180x230x95 mm
Weight	max. 2.6 kg
Housing material	PA6 (20% fg)
Fuse (Stop circuit)	4A T (250V)
Fuse (Safety circuit)	4A T (250V)
Fuse (Power Supply)	1.25A T (250V)