DYNAMIC LINE REMOTE CONTROL

RADIO FREQUENCY TECHNOLOGY HAS TRADITIONALLY BEEN USED TO REMOTELY CONTROL BARRIERS, AUTOMATIC GATES AND DOORS BY UTILISING HAND HELD TRANSMITTERS AND REMOTE RECEIVERS. THE LATEST GENERATION OF RF PRODUCTS USES THE INNOVATIVE DYNAMIC CODING SYSTEM WHICH INCORPORATES A 'VOID' AND 'VALIDATE' FACILITY FOR INDIVIDUAL TRANSMITTERS. THE TRANSMITTERS USE THE UK APPROVED FREQUENCY OF 418 MHZ, AND ARE PROGRAMMED WITH A UNIQUE CUSTOMER CODE AND AN INDIVIDUAL TRANSMITTER CODE.

DYNAMIC LINE REMOTE CONTROL

STAND ALONE ACCESS CONTROL

MR2

ACR4

Features

Transmitters

- Rolling code technology
- Anti-scan codes
- Ergonomical design
- Vehicle mount clip supplied as standard

Receivers

- Added security
- Self adjusting, rolling code database
- Remote programming
- 2 channels

Access Control Receivers

- Self-adjusting, rolling code database
- Password protected programming
- 3 digit LED programming display
- On board programming capability
- Expandable number of channels

Applications

- Residential and industrial doors
- Vehicle barrier and automatic gate systems
- Industrial automatic gates and road blockers
- Automatic parking barriers

TR1   TR2   TR4

NORTECH
CONTROL SYSTEMS

TECHNICAL SPECIFICATIONS

TR1, 2, 4

Frequency	418MHz
Coding	Dynamic Code
Versions	1,2 or 4 channels
Combinations	72,000 billion codes
Range	30-60m
Power Rating	12V DC battery
Consumption at rest	0mA
Consumption during operations	10mA
Power	-10dBm
Working temperature	0 to +70°c
Dimensions	75 x 43mm

ACR4

Power supply	220 V AC or 12/24V AC DC
Memory capacity	250 codes
No. of channels	1 standard channel, expandable to 4
Relay contacts	1A/125 VAC
Power consumption at rest	26mA at 220V/100mA at 12/24V
Power consumption 4 activated relays	32mA at 220V/112mA at 12/24V
Working temperature	0 to +70°c
IP rating	IP53
Dimensions (mm)	172 x 122 x 60 (L x W x D)

Accessories

RA1	Remote Active Antenna for use with ACR4
CB1	Aditional Channel Board for use with ACR4
AF1	Remote Covert antenna for use with MR2-AF

MR2 & MR2-AF

Power supply	12/24 VAC/DC
Memory capacity	126 codes
No of channels	2 channels
Relay contacts	1A/125 VAC
Consumption at rest	15 mA
Working temperature	-20°c to +85 ^{o}c
IP rating	IP44
Dimensions (mm)	127 x 70 x 52 (L x W x D)

INTERF-WG/NOR

Power supply	12V DC
Frequency	418MHz
Consumption	12.6mA
Antenna Incorporated	Adjustable
Operating temperature	-20°c to +85°c
IP rating	IP54
Dimensions (mm)	127 x 70 x 52 (L x W x D)
Weight	143g

Ordering Information

TR1	Single Channel Transmitter
TR2	Dual Channel Transmitter
TR4	Four Channel Transmitter
ACR4	Access Control Receiver, expandable 1 to 4 channel
MR2	Access Control Receiver, 2 channel
MR2-AF	Access Control Receiver, 2 channel for use with AF1

Supplied By:

Nortech Control Systems Ltd
42 Llantarnam Business Park
Cwmbran, South Wales, UK NP44 3AW
Phone: +44 (0) 1633 485533
Fax: +44 (0) 1633 485666
email: info@nortechcontrol.com
web: www.nortechcontrol.com

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