

Telecrane F21-12D (1)

ISO 9001 • CE/LVD/FCC

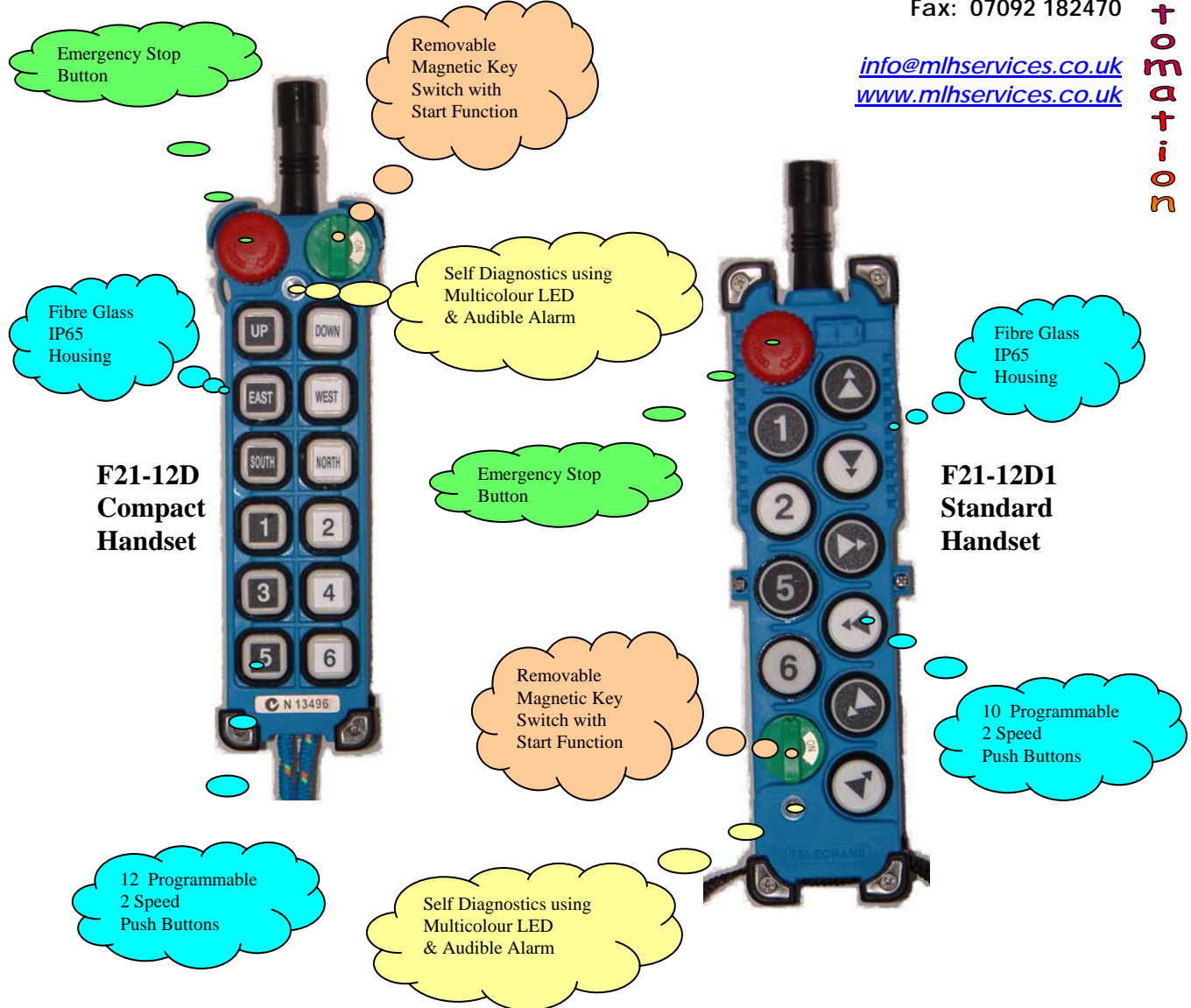
Industrial 10 & 12 Button 2-speed Radio Remote Controls

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The Art of Automation



- Operating Frequency Selectable from Transmitter
- 7 Start Up Modes Including EU Standard
- Automatic Detection of Malfunction
- 3 Stage Battery level Indication
- Functions Selectable via PC Software

- Built In Buzzer & LED
- Hardware & Software Interference Correction
- >4x10⁹ ID Codes
- O/P Contacts 10A 250V
- Power Consumption Approx 40mA

- Power Supply TX 4 x AA Alkaline / NiCad RX 48 / 110 / 230 / 415VAC 12-24VDC
- Dimensions Compact TX 186x61x51 360g Standard TX 218x60x60 500g RX 200x160x70mm 1640g

F21-12 Remotes are developed & manufactured in a ISO9001 factory with 15 years experience

F21-12 Frequency channels can be changed without access to receiver which may be high up or inaccessible

F21-12 Remotes have superior safety design with over 4 Billion ID Codes

If any malfunction is detected whole system is automatically stopped

F21-12 Remotes can be configured using PC software; Buttons can be interlocked or toggled Starting & Power Off Modes selected

Options Include:

- Rechargeable Batteries & Charger
- PC Programming Software & Cable
- Spare Handset
- Pre Programmed for use in case of loss or damage



General Specifications

- Operation Frequency : 415 ~ 483MHz (set by software)
- Hamming Distance : >= 4
- I.D. Code : > 4 Billion (factory set, never repeated)
- Temperature Range : -35°C to +75°C
- Channel Spacing : 5/6.25KHz or multiple (set by software)
- Maximum Range : Up to 100 Meters
- Structure : glass-fibre
- Protection Degree : IP 65

Transmitter Specifications

- Power Supply : 4x AA Alkaline or Rechargeable Batteries
- RF Power : < 10 mW
- Modulation : ≤ ±2.5KHz; NBFM
- Pushbutton Type : 2 Step Mechanical Switch
- Standard Dimensions : 218x60x60mm (excluding protrusion)
- Compact Dimensions : 186x61x51mm (excluding protrusion)
- Weight : about 500g (including batteries)

Receiver Specifications

- Power Supply : 48 - 415VAC (50/60Hz)
: 12 - 24VDC
- Sensitivity : -110dbm (Date Error Rate < 10-3)
- Harmonic Ratio : >=60db
- Output Relays : 10A/250VAC (8A/30VDC)
- Dimensions : 200x162x107mm (excluding protrusion)
- Weight : about 1640g(excluding cable)

Standards

- Radio : EN300 220-3 v.1.1.1 (09/2000)
- EMC : EN301 489-3 (07/2000)
- Safety : EN60204-32 (IEC 60204-32) : 1998

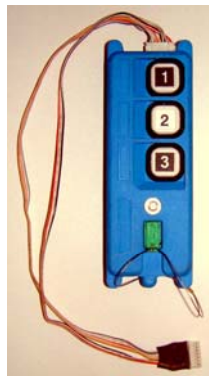


Options:



Configuration Software & Programming Cable

Allows programming of advanced functions
Settings can be backed up to computer hard disk
Cable allows upload / download to transmitter.



Copier

Copies settings between Transmitter & Receiver
(or Receiver & Transmitter)
Transmitters can be cloned in case of loss or damage
Stores 3 sets of parameters



Battery Charger