

FLEX

Mini Series

Industrial Radio Control Systems

- ▶ Compact & Lightweight
- ▶ Durable & Rugged
- ▶ Safe & Reliable
- ▶ Wireless Remote Pairing
- ▶ Fully Sealed Enclosures (IP-66)
- ▶ 32 User Programmable Channels
- ▶ User Programmable Keypads
- ▶ Over Sixteen Million ID Codes (24 Bit)



Advanced Controls - The Flex Mini system utilizes advanced microprocessor controls with 32 bit CRC and Hamming Code, providing ultra fast, safe, precise and error-free encoding and decoding.

Over Sixteen Million Unique ID Codes - Each Flex Mini system has its own unique identification code, never repeats.

32 User Programmable Channels - Advanced synthesized RF controls with 32 built-in channels set via pushbuttons.

Wireless Remote Pairing Function - System information can be transferred wirelessly between two transmitters or between a transmitter and a receiver without the hassle of resetting the spares.

Reliable Pushbuttons - The transmitter pushbuttons are ultra durable and reliable for more than 5 million press cycles.

Durable & Rugged Enclosures - All enclosures are made from industrial-strength nylon and fiberglass composite materials, not ABS plastic. All housings meet the IP-66/NEMA-4 requirements and are highly resistant to dirt, liquid, acid, alkali, grease and oil penetration.

Compact and Lightweight - The ergonomically designed transmitter and receiver enclosures are extremely compact and lightweight for easy operation and installation.

Unique Mounting Bracket - The receiver mounting brackets are uniquely designed for easy mounting and dismounting.

Low Power Consumption - The transmitter requires only two "AA" alkaline batteries with more than 100 hours of operation.

Abundant Programmable Functions - All functions and settings are easily set via pushbuttons, dipswitches, jumpers and external programmer unit. Custom functions can also be added upon request.

Labels and Accessories - The Flex Mini system is standard-equipped with various types of keypad arrangements, pushbutton labels, wrist strap and belt clip. Special magnet mount is optional.

Prewired Output Cable - A prewired cable is standard equipment on all Flex Mini systems.

Worldwide Approvals - The Flex Mini systems are fully tested and certified in accordance with the FCC Part-15 Rules and EU Safety Standards.



General Specifications

Frequency Range: 433MHz, 458MHz, 471MHz, 850MHz...

Modulation: Digital Frequency Modulation

Encoding / Decoding Reference: Microprocessor Controlled

Operating Range: >50 Meters / 164 Feet

Frequency Control: Synthesized PLL

Responding Time: 40~60mS

Receiver Sensitivity: -104dBm

Operating Temperature: -25°C ~ 75°C / -13°F ~ 167°F

Output Contact Rating: 250VAC @ 8A

Enclosure Rating: IP-66 / NEMA-4

Transmitter Voltage: 3.0VDC

Receiver Voltages: 24 ~ 48VAC @ 50/60Hz

110 ~ 460VAC @ 50/60Hz

9 ~ 36VDC

Transmitter Dimensions: 120mm (L) x 54mm (W) x 28mm (H)

Receiver Dimensions: 170mm (L) x 106mm (W) x 69mm (H)

Transmitter Weight: 160g / 5.6oz (include batteries)

Receiver Weight: 1.0kg / 2.2lb (include output cable)

Accessories



START	SWITCH	AUTO	OUT	RIGHT	UP	▲
STOP	SWITCH	AUTO	OUT	RIGHT	DOWN	▲
ON	SWITCH	AUTO	OUT	LEFT	EAST	◀
1 ON	SWITCH	AUTO	OUT	LEFT	WEST	◀
2 ON	SWITCH	MAN	REV	LEFT	NORTH	↑
3 ON	SWITCH	MAN	REV	LEFT	SOUTH	↓
4 ON	SWITCH	MAN	REV	LEFT	↺	↻
OFF	SWITCH	MAN	REV	IN	↺	↻
OFF	SWITCH	IN	REV	IN	↺	↻
OFF	CLOSE	IN	REV	IN	↺	↻
ON/OFF	CLOSE	IN	REV	IN	↺	↻
1 ON/OFF	CLOSE	IN	REV	IN	↺	↻
2 ON/OFF	CLOSE	IN	REV	IN	↺	↻
3 ON/OFF	CLOSE	OUT	RIGHT	IN	↺	↻
5 ON/OFF	AUTO	OUT	RIGHT	IN	↺	↻

Advanced Radiotech Corporation

1F, 288-1, Hsin Ya Road, Chien Chen District, Kaohsiung, Taiwan

Tel: +886-7-812-8112 Fax: +886-7-812-8119

sales@advanced-radiotech.com

http://www.advanced-radiotech.com

Distributed By:

BakerCranes

P +64 9 277 0736 F +64 9 277 0735 E info@bakercranes.co.nz

PO Box 53 116•Auckland Airport • Manukau 2150 • New Zealand

www.bakercranes.co.nz