



## BELLYBOX & HANDHELD TRANSMITTERS

Magnetek offers a broad range of radio remote control products for overhead material handling applications.

No matter what your radio remote control needs are, Magnetek can meet them. More than 146,000 radio remote control systems are in use worldwide. Users benefit from increased productivity, enhanced safety, and reduced maintenance costs.



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# PRODUCT PORTFOLIO

## RADIO REMOTE CONTROLS



### BELLYBOX TRANSMITTERS

### HANDHELD TRANSMITTERS

|                                      | Telemotive MBT   | Telemotive MLTX™   | Telemotive MLTX2™  | Telemotive XLTX  | Telemotive SLTX™  | Telemotive Flex VUE®  | Telemotive telePilot™  | Telemotive telePendant™  | Enrange™ Flex 4EX<br>Flex 6EX<br>Flex 8EX<br>Flex 12EX  | Enrange™ Flex Pro   |
|--------------------------------------|--|--|--|--|---|---|--|--|---|---|
|                                      |  |  |  |  |   |   |  |  |   |   |
| <b>Temperature Range</b>             | -40°F to 158°F (-40°C to 70°C)   | -22°F to 158°F (-30°C to 70°C)   | -40°F to 158°F (-40°C to 70°C)   | -40°F to 158°F (-40°C to 70°C)   | -22°F to 158°F (-30°C to 70°C)  | Operating: -4°F to 158°F (-20°C to 70°C)<br>Storage: -22°F to 176°F (-30°C to 80°C)   | -22°F to 158°F (-30°C to 70°C)   | -22°F to 158°F (-30°C to 70°C)   | -13°F to 158°F (-25°C to 70°C)  | -13°F to 158°F (-25°C to 70°C)  |
| <b>Operation Range</b>               | 300 feet (91.44 M) to 2,000 feet (609.6 M)                                       | 300 feet (91.44 M) to 1,000 feet (152.4 M)                                 | 300 feet (91.44 M) to 2,000 feet (609.6 M)                                       | 300 feet (91.44 M) to 2,000 feet (609.6 M)                             | 300 feet (91.44 M) to 1,000 feet (152.4 M)                                      | 300 feet (91.44 M) to 2,000 feet (609.6 M)  | 100 ft (30.48 M) to 200 ft (60.96M)  | 300 feet (91.44 M) to 500 feet (152.4 M)                                   | 300 feet (91.44 M) to 500 feet (152.4 M)  | 300 feet (91.44 M) to 500 feet (152.4 M)  |
| <b>Environmental Protection</b>      | NEMA 4 (IP66)  | NEMA 4 (IP66)  | NEMA 4 (IP66)  | NEMA 4 (IP66)  | NEMA 1 (IP6)  | NEMA 4 (IP66)   | IP6  | IP65   | NEMA 4 (IP66)   | NEMA 4 (IP66)   |
| <b>FREQUENCY RANGE</b>               |  |  |  |  |   |   |  |  |   |   |
| <b>Non-Licensed (Part 15)</b>        | 430-440 MHz<br>902-928 MHz<br>2.4 GHz  | 430 to 439.8 MHz   | 430-440 MHz<br>902-928 MHz<br>2.4 GHz  | 430-440 MHz<br>902-928 MHz<br>2.4 GHz                                  | 430 to 439.8 MHz  | 430-439.8 MHz<br>902-928 MHz<br>2.4-2.5 GHz   | 430 to 439.8 MHz   | 430 to 439.8 MHz   | 433-434 MHz   | 433-434.75 MHz  |
| <b>Licensed VHF (Part 90)</b>        | NA   | 72 to 76 MHz   | 72 to 76 MHz   | 72 to 76 MHz   | 72 to 76 MHz  | NA  | NA   | NA   | NA  | NA  |
| <b>Licensed UHF (Part 90)</b>        | NA   | 450 to 470 MHz   | 450 to 470 MHz   | 450 to 470 MHz   | 450 to 470 MHz  | NA  | NA   | NA   | NA  | NA  |
| <b>Modulation</b>                    | FSK and FHSS   | FSK  | FSK and FHSS   | FSK and FHSS   | FSK   | FSK and FHSS  | FSK  | FSK  | FSK   | FSK   |
| <b>Unlicensed</b>                    | Part 15 and IC compliant   | Part 15 and IC compliant   | Part 15 and IC compliant   | Part 15 and IC compliant   | Part 15 and IC compliant  | Part 15 and IC compliant  | Part 15 and IC compliant   | Part 15 and IC compliant   | Part 15, IC, and SRRC compliant   | Part 15 and IC compliant  |
| <b>Part 15</b>                       | 32   | 31   | 32   | 32   | 31  | 32  | 31   | 31   | 62  | 32  |
| <b>Part 90 VHF</b>                   | NA   | Over 200 available frequencies (4 programmable on RF module)               | Over 200 available frequencies (4 programmable on RF module)                     | Over 200 available frequencies (4 programmable on RF module)           | Over 200 available frequencies (4 programmable on RF module)                    | NA  | NA   | NA   | NA  | NA  |
| <b>Part 90 UHF</b>                   | NA   | Over 1,000 available frequencies (1 frequency programmed on RF module)     | Over 1,000 available frequencies (1 frequency programmed on RF module)           | Over 1,000 available frequencies (1 frequency programmed on RF module) | Over 1,000 available frequencies (1 frequency programmed on RF module)          | NA  | NA   | NA   | NA  | NA  |
| <b>Security</b>                      | 20 bit access code   | 16 bit access code   | 20 bit access code   | 20 bit access code   | 16 bit access code  | 20 bit access code  | 16 bit access code   | 16 bit access code   | 20 bit access code  | 20 bit access code  |
| <b>Diagnostics</b>                   | Optional display with readout of battery signal strength and diagnostics or LEDs | On-board diagnostic system with LED indicator and transmitter power status | Optional display with readout of battery signal strength and diagnostics or LEDs | Graphic display readout of battery signal strength and diagnostics     | On-board diagnostic system with LED indicator and transmitter power status      | Graphic display readout of battery signal strength and diagnostics  | On-board diagnostic system with LED indicator and transmitter power status | On-board diagnostic system with LED indicator and transmitter power status | On-board diagnostic system with LED indicator and transmitter power status  | On-board diagnostic system with LED indicator and transmitter power status                                      |
| <b>BATTERY TYPE</b>                  |  |  |  |  |   |   |  |  |   |   |
| <b>Rechargeable Battery Pack</b>     | 4.8 V NiMH   | 7.2 V NiMH, 12 V NiMH  | 4.8 V NiMH   | 4.8 V NiMH   | 7.2 V NiMH, 12 V NiMH   | Coming Soon   | 3.7V Li-Ion  | 3.7V Li-Ion  | (3) "AAA" NiMH  | (3) "AAA" NiMH  |
| <b>Non-Rechargeable</b>              | (3) "AA" Alkaline  | 9V Alkaline pack   | (3) "AA" Alkaline  | (3) "AA" Alkaline  | 9V Alkaline pack  | (2) "AA" Alkaline   | (2) "AA" Alkaline  | (2) "AA" Alkaline  | (2) "AA" Alkaline   | (2) "AA" Alkaline   |
| <b>Rechargeable Battery Capacity</b> | 2100 mAh   | 1900 mAh   | 2100 mAh   | 2100 mAh   | 1900 mAh  | Coming Soon   | 700 mAh  | 700 mAh  | 700 mAh   | 700 mAh   |
| <b>Rechargeable</b>                  | 500 cycles   | 500 cycles   | 500 cycles   | 500 cycles   | 500 cycles  | Coming Soon   | 1000 cycles  | 1000 cycles  | 1000 cycles   | 1000 cycles   |
| <b>Battery Chargers</b>              | One per battery — maximum 3 chargers per power supply                            | Maximum 3 chargers per power supply  | One per battery — maximum 3 chargers per power supply                            | One per battery — maximum 3 chargers per power supply                  | Maximum 3 chargers per power supply   | Coming Soon   | One per battery  | One per battery  | Wall mount<br>Car adaptor<br>TX plug in   | Wall mount<br>Car adaptor<br>TX plug in   |
| <b>Battery Contacts</b>              | Gold plated  | Gold plated  | Gold plated  | Gold plated  | Gold plated   | Gold plated   | Nickel plated brass  | Nickel plated brass  | Nickel plated brass   | Nickel plated brass   |
| <b>Battery Charge Time</b>           | Fast charge: 1 hour<br>Trickle charge: 12 hrs                                    | Fast charge: 1 hour<br>Trickle charge: 12 hrs                              | Fast charge: 1 hour<br>Trickle charge: 12 hrs                                    | Fast charge: 1 hour<br>Trickle charge: 12 hrs                          | Fast charge: 1 hour<br>Trickle charge: 12 hrs                                   | Coming Soon   | 2 to 2.5 hrs   | 2 to 2.5 hrs   | 1.5 to 2 hrs  | Fast charge: 1.5 to 2 hrs   |
| <b>PHYSICAL CHARACTERISTICS</b>      |  |  |  |  |   |   |  |  |   |   |
| <b>Type</b>                          | Bellybox with thumbsticks  | Bellybox with levers or joysticks  | Bellybox with levers or joysticks  | Bellybox with levers or joysticks                                      | Bellybox with levers  | Handheld with detented or proportional stepless pushbuttons   | Handheld with detented pushbuttons   | Handheld with detented pushbuttons   | Handheld with detented pushbuttons  | Handheld with proportional stepless pushbuttons   |
| <b>Material</b>                      | Super tough nylon  | Super tough nylon  | Super tough nylon  | Super tough nylon  | Aluminum and super tough nylon  | Super tough nylon   | Super tough nylon and aluminum   | Super tough nylon  | Nylon and fiberglass  | Nylon and fiberglass  |
| <b>Weight</b>                        | Dependent on configuration<br>Approx. 2.1 lbs. (953 g)                           | Dependent on configuration<br>Approx. 3.2 lbs. (1452 g)                    | Dependent on configuration<br>Approx. 3.2 lbs. (1452 g)                          | Dependent on configuration<br>Approx. 5 lbs. (2268 g)                  | Dependent on configuration<br>Approx. 5 lbs. (2268 g)                           | 4 Button: 11 oz (312 g)<br>8 Button: 12.5 oz (354 g)<br>12 Button: 14 oz (397 g)  | 1.3 lbs (590 g)  | 1.3 lbs (590 g)  | 4 Button: 6.8 oz (193 g)<br>6/8 Button: 8.5 oz (241 g)<br>12 Button: 10.4 oz (295 g)  | 8 Button: 7 oz (198 g)<br>12 Button: 10.5 oz (298 g)  |
| <b>Dimensions L x W x H</b>          | Approx. 6.75" x 4.65" x 4.55" (171mm x 118 mm x 116 mm)                          | Approx. 10" x 4.95" x 6.8" (254 mm x 126 mm x 173 mm)                      | Approx. 6.5" x 4.9" x 4.6" (165 mm x 124 mm x 117 mm)                            | Approx. 12" x 7.5" x 7.25" (305 mm x 191 mm x 184 mm)                  | From 8.5" x 6.8" x 6.7" (216 mm x 173 mm x 170 mm) (dependent on configuration) | 4 Button: 7.1" x 3.0" x 1.9" (179mm x 76 mm x 47 mm)<br>8 Button: 8.9" x 3.0" x 1.9" (225mm x 76mm x 47mm)<br>12 Button: 10.7" x 3.0" x 1.9" (271 mm x 76mm x 47mm) | 8.25" x 3.25" x 1.33" (210 mm x 83 mm x 34 mm)                             | 11" x 3" x 2.25" (279 mm x 76 mm x 57 mm)                                  | 4 Button: 5.4" x 2.7" x 1.34" (137 mm x 69 mm x 34 mm)<br>6/8 Button: 7.2" x 2.7" x 1.34" (183 mm x 69 mm x 34 mm)<br>12 Button: 9.1" x 2.7" x 1.34" (231 mm x 69 mm x 34 mm) | 8 Button: 7.2" x 3.0" x 1.3" (183 mm x 76 mm x 33 mm)<br>12 Button: 9.0" x 3.0" x 1.3" (229 mm x 76 mm x 33 mm) |
| <b>Antenna</b>                       | Internal   | Internal or External   | Internal   | Internal   | Internal or External  | Internal  | Internal   | Internal   | Internal  | Internal  |
| <b>Levers/Joysticks</b>              | Stepless   | Stepless   | Stepless and stepped   | Stepless and stepped   | Stepless and stepped  | Proportional or 2-step buttons  | 1 or 2-step buttons  | 2 or 3-step buttons  | 2-step buttons  | Proportional buttons  |
| <b># of Functions</b>                | Up to 15 toggles or 4 joysticks  | Up to a maximum of 7 levers or 3 joysticks with 16 auxiliaries             | Up to a maximum of 7 levers or 3 joysticks with 16 auxiliaries                   | Up to a maximum of 8 levers or 4 joysticks with 40 auxiliaries         | Up to a maximum of 7 levers with 16 auxiliaries                                 | 4 pushbuttons<br>8 pushbuttons<br>12 pushbuttons  | 6 2-speed buttons & up to 3 auxiliaries or 12 buttons                      | 6 pushbuttons & 7 membrane buttons   | 4 pushbuttons<br>6 pushbuttons<br>8 pushbuttons<br>12 pushbuttons   | 8 pushbuttons<br>12 pushbuttons   |
| <b>Operating Time</b>                | Up to 100 hrs (approximate)  | Up to 40 hrs of continuous operation at 70°F with TMS programming          | Up to 100 hrs (approximate)  | Up to 100 hrs (approximate)  | Up to 40 hrs of continuous operation at 70°F with TMS programming               | 15 to 20 continuous hrs   | 60 to 80 continuous hrs  | 60 to 80 continuous hrs  | 80 to 100 continuous hrs  | 60 to 80 continuous hrs   |
| <b>Security</b>                      | Removable key switch and code plug   | Removable key switch and code plug   | Removable key switch and code plug   | Removable key switch and code plug                                     | Removable key switch and code plug  | Removable key switch  | Password and USB/IR Adapter  | Password and USB/IR Adapter  | Password, I-Chip, and Removable key switch  | Password, I-Chip, and Removable key switch  |
| <b>Two-way RF</b>                    | Yes  | No   | Yes  | Yes  | No  | Yes   | No   | No   | No  | No  |
| <b>Receiver Compatibility</b>        | Flex M   | 18K<br>inTeleSmart<br>Flex M   | 18K<br>inTeleSmart<br>Flex M   | 18K<br>inTeleSmart<br>Flex M   | 18K<br>inTeleSmart<br>Flex M  | Flex M  | inTeleSmart  | inTeleSmart  | Flex Series<br>Flex M   | Flex M  |

For more information, contact Magnetek Material Handling or your local Magnetek Sales Representative.