



APX™ CONTROL HEADS



OPTIMIZING APX MOBILE USABILITY

Mobile radios are ideal for many applications, from a simple in-car installation, to a weatherproof motorcycle mount, to a multi-head fire truck system, to a desktop dispatch position. Whatever you need, our portfolio of control heads helps you get the most from your radio.

O2 CONTROL HEAD

EXTREME USABILITY

The O2 control head provides rugged simplicity for efficient and confident communication. Extreme controls with an easy to read color display and a built-in 7.5 watt speaker provides clear visual and audible user experiences. Available in high impact green or black.



O3 HANDHELD CONTROL HEAD

HANDHELD FLEXIBILITY

The O3 corded control head fits all your mobile controls in your hand. With the O3 your radio controls are never out of reach.



APX CONTROL HEADS*

Dedicated volume and channel knobs for quick control



Full color display with night mode and intelligent lighting

Multi-function channel / volume knob



E5 CONTROL HEAD

UNMATCHED READABILITY. OPTIMIZED USABILITY.

A bright color display and intelligent lighting makes the E5 easy to read under any condition while the optimized tactility and button placement reduces inadvertent actuations.

O7 CONTROL HEAD

INTEGRATED MULTI-FUNCTIONALITY

The O7 is a sophisticated control head with a color display and built-in keypad. It can integrate your radio vehicle control into a single ergonomic interface and supports dual radio installations.

* Compatible O5 and O9 control head are not shown.



APX CONTROL HEAD COMPARISON



| CONTROL HEAD | 02 | 03 | E5 | 07 |
|---|--|--|--|--|
| MOBILE TRANSCEIVER COMPATIBILITY | | | | |
| APX Model | APX 8500 APX 6500 APX 2500 APX 1500 | APX 8500 APX 6500 | APX 8500 APX 6500 | APX 8500 APX 6500 |
| CONFIGURATION | | | | |
| Dash Mount | Y | – | Y | Y |
| Remote Mount ¹ | Y | Y | Y | Y |
| Multi Control Head ¹ | Y | – | Y | Y |
| Mixed Control Head Configuration ¹ | With 07 | – | – | With 02 |
| Motorcycle ¹ | Y | – | Y | Y |
| Dual Radio ¹ | – | – | Y | Y |
| Control Station ¹ | Y | – | Y | Y |
| Consolette | – | – | Y | – |
| FORM FACTOR | | | | |
| H x W x D, Remote Mount | 2.7 x 8.1 x 3.8 in (68 x 206 x 96 mm) | 6.0 x 2.4 x 1.5 in (153 x 61 x 38 mm) | 2.0 x 7.0 x 3.1 in (51 x 178 x 79 mm) | 2.0 x 7.0 x 3.2 in (51 x 178 x 81 mm) |

¹ With select radios



| CONTROL HEAD | 02 | 03 | E5 | 07 |
|--|---------------------|-------------------|-------------------|---------------------|
| DISPLAY CHARACTERISTICS | | | | |
| Diagonal Display Dimension | 2.6 in (66 mm) | 1.7 in (43 mm) | 3.3 in (84 mm) | 2.6 in (66 mm) |
| Color Display | TFT Transmissive | TFT Transflective | TFT Transmissive | TFT Transmissive |
| Display Lens | Gorilla Glass | Polycarbonate | Gorilla Glass | Gorilla Glass |
| Luminance | 350 nits | 150 nits | 1,000 nits | 350 nits |
| Resolution | 320 x 144 pixels | 130 x 130 pixels | 480 x 160 pixels | 320 x 144 pixels |
| # Lines of Text | 3 | 3 | 3 | 3 |
| # Character per Line | 14 | 14 | 14 | 14 |
| # Lines for Icons | 1 | 2 | 1 | 1 |
| # Lines for Soft Menu | 1 | 1 | 1 | 1 |
| Intelligent Lighting | Y | Y | Y | Y |
| Dimming Levels | 8 | 3 | 8 | 8 |
| Night Mode | Y | – | Y | Y |
| Surveillance Mode | Y | Y | Y | Y |
| Programmable Channel Background Colors | – | – | Y | – |
| Polarized Sunglasses | Y | Y | Y | Y |
| DEDICATED CONTROLS | | | | |
| Programmable Emergency Button | Y | Y | Y | Y |
| Volume | Multi-function Knob | Rocker Switch | Dedicated Knob | Multi-function Knob |
| Frequency Channel | Multi-function Knob | Rocker Switch | Dedicated Knob | Multi-function Knob |
| Programmable Menu Buttons | 4 | 3 | 5 | 4 |
| Integrated DTMF Keypad | – | Y | – | Y |
| Navigation Controls | 2-way | 4-way | 4-way | 4-way |
| Integrated Speaker | 7.5 W | – | – | – |
| Integrated Microphone | – | Y | – | – |
| Home Button | Y | Y | Y | Y |
| Dim Button | Y | Y | Y | Y |
| Additional Programmable Buttons | – | Y ² | Y ³ | Y ⁴ |

2 1x Side Top Button, 2x Side Bottom Buttons 1 & 2, 1x Data Button (Limited features)

3 P-Button

4 Data Button (Limited features)



| CONTROL HEAD | 02 | 03 | E5 | 07 |
|--------------------------------------|----------------|----------------|----------------|---------------|
| INTEGRATED CONTROLS | | | | |
| Siren/PA | – | Y | – | Y |
| Light Controls | – | Y | – | Y |
| Gun Lock | – | Y | Y | Y |
| EXTERNAL COLLABORATION | | | | |
| DVRS | Y | Y | Y | Y |
| SLIM module | Y ⁵ | Y | Y ⁵ | Y |
| DEK | Y | Y ⁶ | Y | Y |
| CONNECTIVITY | | | | |
| Bluetooth Pairing Point ⁷ | – | – | Touch Pairing | – |
| ENVIRONMENTAL SPECIFICATIONS | | | | |
| Operating Temperature | -30 to +60° C | -30 to +60° C | -30 to +60° C | -30 to +60° C |
| Storage Temperature | -40 to +85° C | -40 to +85° C | -40 to +85° C | -40 to +85° C |

5 With Keypad Mic or DEK

6 Requires Whelen Siren

7 Future feature with select radios

For more information, please visit
www.motorolasolutions.com/apx

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