

# ASR-610+

## WARRANTY

Motorola warrants this product against defects in material and workmanship under normal use and service. The warranty period commences with the date of shipment. See complete warranty statement for further details.

The ASR-610+ product is Year 2000 Ready.

Read range stated when readers installed according to instructions. Read range may be less when mounted on metal.

Specifications subject to change without notice.

Motorola reserves the right to discontinue any product without notice.

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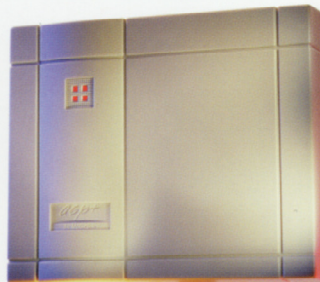
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R3-80-1012

## MOTOROLA MASTERPROX™ PROXIMITY CARD READER

The Motorola MasterProx proximity reader can be programmed in the factory or in the field using the Motorola ProxSmith™ Proximity Field Programmer and Toolkit to output data in Wiegand™, magnetic stripe or serial data formats. This makes it easy to upgrade existing Wiegand or magnetic stripe sites to proximity using the wiring already in place. Additionally, the Motorola MasterProx proximity reader includes advanced performance features: QuickFlash™ for immediate user feedback, SelfTest™ for installer assistance during installation, WatchDog™ output for higher security applications requiring a supervised reader and an audio tone and three-color status LED. All are field-configurable via the use of option cards.



## SPECIFICATIONS

<b>Size:</b>	5.1"H x 6.1"W x 1.1"T (12.95 x 15.49 x 2.54 cm)
<b>Weight:</b>	12.6 oz. (352.8g)
<b>Cable Length:</b>	18" (45.72 cm)
<b>Read Range:</b>	Up to 12" (30.5 cm) using ASC-121T card
<b>Input voltage:</b>	4-14 VDC at reader
<b>Typical Current Draw</b>	
Off Metal:	117 mA @ 12 VDC 70 mA @ 5 VDC
Metal Gang Box:	111 mA @ 12 VDC 65 mA @ 5 VDC
Maximum:	140 mA @ 12 VDC 82 mA @ 5 VDC
<b>Reading Time (26-bit):</b>	94 ms
<b>Operating Temperature:</b>	-31°F to +149°F (-35°C to +65°C)
<b>LED Indicator:</b>	Tri-color standard (red, green and amber)
<b>Audio Tone:</b>	Standard, independently controlled (not tied to LED function)
<b>QuickFlash, SelfTest &amp; WatchDog:</b>	Standard, user configurable
<b>Programming:</b>	Factory or field programmable via ProxSmith™ Field Programmer and Toolkit
<b>Color:</b>	Black, beige and white
<b>Output Formats:</b>	Wiegand and ABA Track II Magnetic Stripe, RS-232
<b>Frequency:</b>	125 kHz (excitation), 62.5 kHz (return)
<b>Weatherproofing:</b>	Epoxy potting
<b>Installation:</b>	USA single or double metal gang box, or flat wall
<b>Compatibility:</b>	Supports both ASP and ASP+ formats

## CERTIFICATIONS

Complies with FCC Part 15. Also UL-294 approved and CE marked per directive 89/336/EEC.



**MOTOROLA**  
Worldwide Smartcard Solutions Division