

3M™ Wireless Communication System, Model XT-1 Specifications

System

Operation	Full-Duplex or Half-Duplex
Vehicle Detector	Presence or Pulse
Dual Lane Operation	Split or Cross lane control
RF Frequency	Base Transceiver - 2.4 GHz, ISM Band, and Digital Spread Spectrum
Data Rate	576 Kbits/s

3M™ Wireless Communication System, Model XT-1 Basestation

	Operator Controls	Keypad
	External Indicators	LCD Display 4 x 40 characters
	Power Source	Power Supply — Output: 12 VDC, 7 Amps; Input — (100 to 240)VAC 50/60 Hz
	Power Consumption	Nominal 8W. Fully loaded Max 84W
	Size	20" L x 11-1/2" W x 2-1/4" D
	Mounting	Wall mount with screws
	Audio Power Output	Outside speaker 5 watts, monitor speaker 3 watts (<2% THD) into 8 Ohms
	Microphone Input	Dynamic type low impedance
	Vehicle Detect Input	Contact closure to Ground, Active low
	Noise Reduction	Internal
	Echo Cancellation	Internal
	Language Support	English, Spanish, French Canadian, German
	Internet Connectivity	Standard Ethernet (Remote adjustments and diagnostics) Email TX, HTTP RX
	Internal Accessories	Accommodates loop detectors (3) and Greeter module
	External Accessories	External Range Extender
	Interconnect Module	Internal Manual Switches (Standard)
	Cross Lane Module	Internal (Standard)
	Messages	Standard — Store Closed, Please Pull Forward (Tandem); Optional Greeter Module
	Maximum RF Output Power	+23 dBm (200 mW) (FCC Versions 1BAA, 1BAB, 1BAC, 1BAD, 1BAE, 1BAF) +20 dBm (100 mW) (CE Versions 1BEU, 1BEB, 1BEC, 1BED, 1BEE, 1BEG)

3M™ Drive-Thru Systems

3M™ Wireless Communication System, Model XT-1 Headset

	Microphone	Electret type, directional/noise canceling, left or right hand use
	Earphone	Dynamic with replaceable ear pad and rotating wedge ear cup
	Operator Controls	On/off, listen volume, talk and page switches
	Power Source	Rechargeable Lithium-ion battery with over current protection, 3.7 VDC
	Voice Messages	Power ON/OFF, Change Battery, Out Of Range, Lane Assignment
	Language Support	English, Spanish, French Canadian, German
	Weight	4.9 oz. with battery
	Switches	Sealed membrane with silicone rubber cover
	Indicator	Tri-color LED indicates Power on, Transmit, Lane assignment, Special functions
	Maximum RF Output Power	+23 dBm (200 mW) (FCC Versions 1HUA, 1HUB, 1HUC, 1HUD, XT-1B) +20 dBm (100 mW) (CE Models 1HAA, 1HAB, 1HAC, 1HAD, XT-1C)

3M™ Battery Charger for Model XT-1

	Power Source	Power Supply — Output: 15 VDC, 1.2Amps; Input — (100 to 240) VAC 50/60 Hz
	Charging Time	3–3.5 hours
	Size	4" L x 4-1/2" W x 2-1/2" D
	Capacity	3 or 6 battery models available
	Power Consumption	Less than 20 Watts

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