

LEGACY

ProLine ML3200 Series VHF / UHF scanning mobiles

Stay Connected

The Legacy Proline ML3200 Series Mobile Radio delivers long-range communication for multiple on the go uses. Whether it's a fleet of buses, a taxi cab company, volunteer fire department or a construction crew, the ML3200 Series provides powerful, consistent 2-way communication when you need it most.

45 Watt RF power

Available in both VHF (ML3215) and UHF (ML3245) the ML3200 Series has 45 Watts of transmit power for your long-range communication needs.

32 Channels

The ML3200 Series delivers the flexibility of 32-channel operation along with multiple scanmodes like channel scan, priority scan and lookback capability for optimized dispatch and 2-way communication.

Audio compander

Programmable audio compander feature maximizes your audio quality and volume.

Public address - at the push of a button

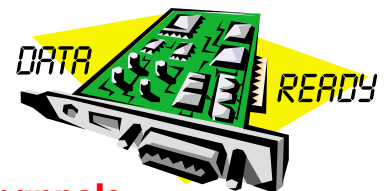
When connected to an external loudspeaker, the versatile ML3200 Series becomes a valuable tool for rural police departments, airport ground crews, ambulance drivers or delivery fleets.

Adjustable squelch control

Gives you control of the radio

VOX Operation

Hands-free operation for safe in-transit communication



NOAA Weather channels

Receive All Hazards 1050 Hz tone and up-to-the-minute weather from the National Weather Service and Emergency Alerts broadcast on one or more of 7 NOAA Weather frequencies within a 50-mile radius of your local NWS transmitter.



ProLine ML3215 / ML3245



specifications

general

	VHF model ML3215	UHF model ML3245
Frequency Range	148-174 MHz	450-490 MHz
Channels	32	32
Weather Channels	7	7
Channel Spacing	25 / 30 / 15 / 12.5 kHz	25 / 12.5 kHz
PLL Step	2.5 / 5.0 / 6.25 / 7.5 kHz	5.0 / 6.25 kHz
Channel Spread	26 MHz	40 MHz
Antenna Impedance	50 Ω	50 Ω
Input Voltage	13.8V DC +/-20%	13.8V DC +/-20%
Current Drain		
Standby	.14 A	.14 A
Receive (max. volume)	.65 A	.65 A
Transmit (high power)	7.5 A	8.4 A
Operating Temperature	-22° F to +140° F (-30° C to +60° C)	
Frequency Stability (-30° C to +60° C)	+/- 2.5%	
Dimensions (W x H x D)	6-5/16" x 1-3/4" x 6" (160 x 44 x 152 mm)	
Weight (with microphone)	2 lb., 8 oz. (1.3 km)	
FCC Identifier	O7KML3215	O7KML3245
FCC Compliance	Parts 20, 22, 74,	Parts 22, 74, 90, 95
IC Certification Number	pending	pending

receiver (measurement procedures made per ANSI/TIA / EIA - 603)

Sensitivity	12 dB SINAD	.25 μV @ 12.5 kHz	.25 μV 25 kHz
Selectivity	60 dB @ 12.5 kHz	65 dB @ 25 kHz	
Intermodulation	60 dB @ 12.5 kHz	65 dB @ 25 kHz	
Spurious Response	65 dB	65 dB	
Audio Output	4W (Int.) @ 8 Ω, 4W (Ext.) @ 8 Ω (Method @ < 10% THD level)		

transmitter (measurement procedures made per ANSI/TIA / EIA - 603)

RF Output	2 or 45 Watts	2 or 45 Watts
Spurious and Harmonic Emissions	65 dB	65 dB
Modulation	10K6F3E, 15K0F3E	
FM Hum and Noise	40 dB @ 12.5 kHz	40 dB @ 25 kHz
Audio Distortion	2%	2%

Specifications are subject to change without notice.

features / functions

- 32 Channels
- All Hazards 1050 Hz tone and 7 Weather channels
- Programmable wide or narrow channel spacing
- 8 Character alphanumeric display with backlight
- Multiple scan modes including priority scan with look back
- CTCSS/DCS tone signaling blocks unwanted calls
- 15-Pin data connector
- Adjustable squelch control
- 2-Tone decode with alarm
- Public address
- Busy channel lockout
- Time-out timer
- VOX Operation
- Audio compander
- Microphone hook
- Monitor function
- Roger beep
- Clear to talk beep
- FCC Certified for use in U.S.A. and its possessions and Canada Approved for sale / use in Canada

MIL-STD methods / procedures

The Legacy ProLine ML3215 and ML3245 are approved to the following:

Standard	810F Method / Procedure
Humidity	507.4 / Proc. I
Blowing Dust	510.4 / Proc. I
Vibration	514.5 / Proc. I
Shock	516.5 / Proc. I, IV

accessories / options

Audio: Heavy duty remote speaker (AA-1470A); Base station microphone (ACC-702); Heavy duty mobile microphone (ACC-732); Heavy duty DTMF mobile microphone (ACC-733)

Power Supply: Base station power supply 110V / 220V AC, 10 Amp, 50% duty (MS-0730)

100 Watt Power Amplifiers: Power amplifier kit for the ML3215 (HPK-VHF); Power amplifier kit for the ML3245 (HPK-UHF); Cable kit, with connectors, 22 ft (HP-22)

data connector pin-out



For more information, contact:



Manufactured under ISO 9002 quality standards and backed by our Quality Assurance Program



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