

FEATURES



- U.I. Approved Class 1, Div. 2 Groups A-G
- Indoor wall mount Model 411 has an enclosure of 1.6mm (16 gauge) galvanized sheet steel with baked ivory polyurethane finish. The unit complies with NEMA 12 and NEMA 4X standards and is shock-resistant, dust-proof and corrosion resistant.
- Up to 5 independent intercom party lines.
- Dynamic noise-canceling microphone.
- Dual hermetically sealed hook switch (water-proof and dust-proof) for reliability.
- Muting switch with 3 levels of selective muting.
- High efficiency dynamic receiver.
- Handset mounted paging switch.
- Internal or external speaker.
- External speaker overload fuse protection.
- On board DC power indicator for ease of maintenance.
- Modularized components for ease of maintenance.
- Choice of wiring box materials.
- Model 411A is single party.
- Model 412 has external speaker volume control.
- Model 411-59 has ground-to-crane paging capability.

SPECIFICATIONS

Power Requirement:	
Power Input	90 – 140 VAC 50/60 Hz 115 VAC normal. (Other voltage is optional)
Power Consumed	Zero Signal 8 VA 4W; Max Signal 35VA 24W
Handset:	
Handle	Ivory-white ABS. Page switch on handle.
Microphone	10 Ω noise-canceling dynamic
Receiver	130 Ω \pm 20 Ω high efficiency dynamic
Cord	6 conductors; retractible 7-foot extended
Handset Amplifier	
Output Level	3 V RMS Max. into 33 Ω load
Output Limiter	1.5 V RmS nominal into 33 Ω load
Gain	70 dB above (below limiter level); adjustable
Frequency Response	250 – 7500 Hz (above) \pm 1.5 dB
Distortion	1.0% THD Max. at 1000 Hz
Control	Transmitter level, receiver level adjustable
Speaker Amplifier	
Output	BTL push-pull, Class B, 15 W TYP into 8 Ω
Gain	50 dB normal, adjustable: (40-68 dB)
Frequency Response	250 Hz – 10KHz (above) \pm 1.5 dB
Distortion	Less than 1.0% THD at 12 Warts, 1000 Hz
Input Impedance	50 K Ω normal
Output Impedance	4 - 16 Ω
Control	Speaker volume adjustment
Dimensions	210W x 260H x 90D (mm)