

AA38 SERIES

Remote Passenger Intercom for Helicopters and Fixed-wing Aircraft Data Sheet

The AA38-5xx, -6xx, -7xx, and -8xx Series Local ICS Amplifiers are remote, bulkhead-mounted units containing all the circuitry required to support a wide range of intercom applications. A switch-selectable NAT/Andrea (AA38-5xx or -6xx) or NAT/SuperNAT ICS tie line (AA38-7xx or AA38-8xx) allows connection to larger audio systems, and an auxiliary input enables audio input from an audio panel, music source, or onboard radio.

The compact size and low weight of the AA38-5xx, -6xx, -7xx, and -8xx Series Local ICS Amplifiers make them suitable for installation in restricted spaces, while the mapped interconnect simplifies installation. ICS level and VOX sensitivity adjustments are available for each headset position, along with a level adjustment for the AUX input. The -5xx and -7xx models are designed for use with low impedance (LO Z) headsets and helmets, while the -6xx and -8xx models are intended for high impedance (HI Z) headsets and helmets.

The operational performance of the AA38 units can be further enhanced for specific roles with the addition of in-line PTT drop cords. These drop cords can be configured to allow individual selection of headset volume, intercom operation in VOX, LIVE, or PTT mode, and independent TX PTT capability for AA38 models equipped with TX functions.

FEATURES

- Remote-mount intercom amplifier
- VOX, PTT and HOT mic operation
- Available in HI Z or LO Z headset configurations
- 4-place and 8-place configurations
- Some models with Radio TX option
- Internal and/or remote volume control options



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DIMENSIONS

AA38-501, -504, -505

Height	1.18" / 29.97mm
Width	5.91" / 150.11mm including flanges
Length	4.88" / 123.95mm including connector
Weight	1.14 lbs / 51.76 kgs

AA38-502

Height	2.26" / 57.04mm
Width	5.91" / 150.11mm including flanges
Length	4.88" / 123.95mm including connector
Weight	2.0 lbs / .91 kgs

AA38-503

Height	1.90" / 48.26mm
Width	5.91" / 150.11mm including flanges
Length	4.88" / 123.95mm including connector
Weight	1.40 lbs / .64 kgs

AA38-601

Height	1.18" / 29.97mm
Width	5.91" / 150.11mm including flanges
Length	4.88" / 123.95mm including connector
Weight	0.80 lbs / .36 kgs

AA38-602

Height	2.26" / 57.04mm
Width	5.91" / 150.11mm including flanges
Length	4.88" / 123.95mm including connector
Weight	1.37 lbs / .62 kgs

AA38-603

Height	1.90" / 48.26mm
Width	5.91" / 150.11mm including flanges
Length	4.88" / 123.95mm including connector
Weight	1.20 lbs / .55 kgs

AA38-703

Height	1.94" / 49.28mm
Width	5.94" / 150.88mm
Length	4.95" / 125.73mm
Weight	1.60 lbs / .73 kgs

AA38-802

Height	1.94" / 49.28mm
Width	5.94" / 150.88mm
Length	4.95" / 125.73mm
Weight	1.44 lbs / .65 kgs



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