

See the HAL or MONGOOSE Installation Manual for all RAD instructions and warranty information.

The HAL Installation and Design Manuals, data sheets with specifications, Halogen software and help files, graphics and CAD files, and system applications are available at rane.com/hal.

The MONGOOSE Installation and Design Manuals, data sheets with specifications, Mongoose Tracker software and help files, graphics and CAD files, and system applications are available at rane.com/mongoose.

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

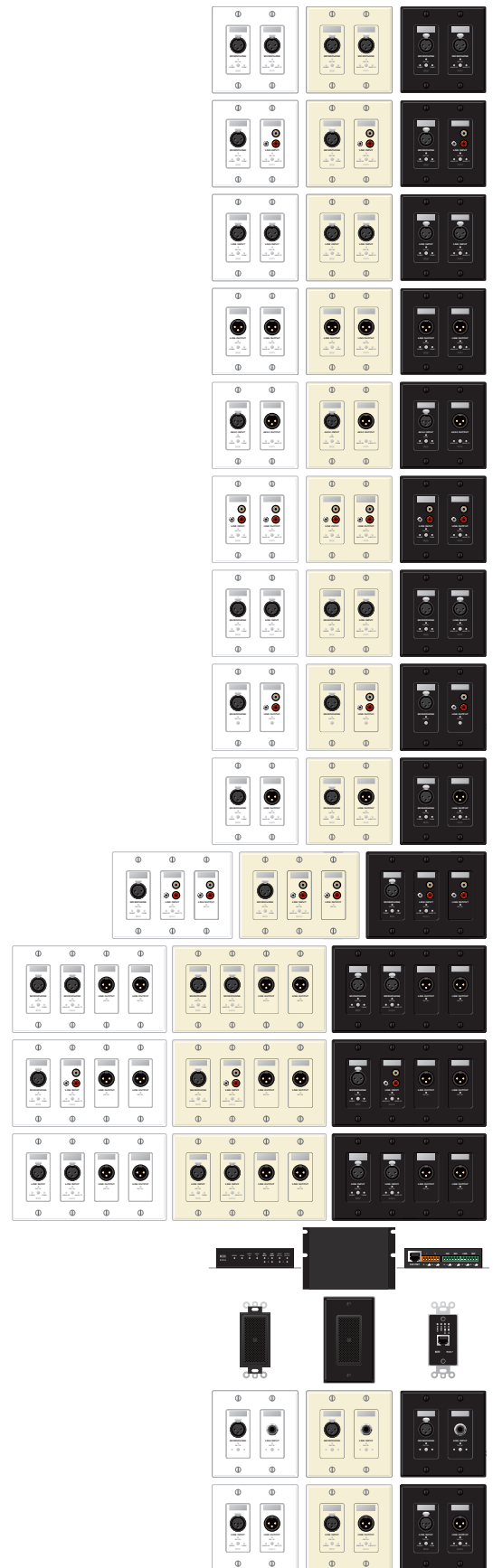
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by Rane Corporation could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Shielded CAT5e or better cables are required in order to comply with the FCC Rules part 15 limits for a Class B digital device.

WARNING: This product may contain chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.



Declaration of Conformity

Application of Council directive(s):

2002/96/EC
2004/108/EC
2011/65/EU

Standard(s) to which conformity is declared:

EN55103-1:1996
EN55103-2:1996
EN50581:2012
ENVIRONMENT E2
CE Mark first affixed in 2008
Serial Numbers 850000-950000

Manufacturer:

Rane Corporation
10802 47th Avenue West
Mukilteo WA 98275-5000 USA

This equipment has been tested and found to be in compliance with all applicable standards and regulations applying to the Electromagnetic Compatibility (EMC) directive 2004/108/EC. In order for the customer to maintain compliance with this regulation, high quality shielded cable must be used for interconnection to other equipment. Modification of the equipment, other than that expressly outlined by the manufacturer, is not allowed under this directive. The user of this equipment shall accept full responsibility for compliance with the EMC directive in the event that the equipment is modified without written consent of the manufacturer. This declaration of conformity is issued under the sole responsibility of Rane Corporation.

Type of Equipment: Professional Audio Signal Processing

Brand: Rane

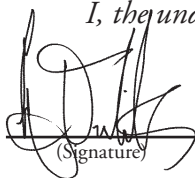
Models:

RAD1, RAD2, RAD3, RAD4, RAD5, RAD6, RAD7, RAD8, RAD9, RAD11, RAD12, RAD14, RAD15, RAD16, RAD18, RAD23

Immunity Results:

Test Description	Results	Conditions
RF Electromagnetic Fields Immunity 80 MHz - 1000 MHz, 1 kHz AM, 80% depth, 3V/m	< -62 dB < -50 dB < -43 dB < -58 dB	THD+N re: 4 dBu, 400 Hz, BW = 20 Hz - 20 kHz 80 MHz - 174 MHz 174 MHz - 208 MHz 208 MHz - 272 MHz 272 MHz - 1000 MHz
Conducted RF Disturbances Immunity 150 kHz - 80 MHz, 1 kHz AM, 80% depth, 3V rms	< -64 dB < -53 dB < -64 dB < -48 dB < -64 dB	150 kHz - 4 MHz 4 MHz - 4.3 MHz 4.3 MHz - 10.5 MHz 10.5 MHz - 24.3 MHz 24.3 MHz - 80 MHz
Magnetic Fields Immunity 50 Hz - 10 kHz, 3.0 - 0.3 A/m	< -66 dB	
Common Mode Immunity (Signal Ports) 50 Hz - 10 kHz, -20 dBu	< -22 dB	Bandpass re: 4 dBu, 1/3-octave
Common Mode Immunity (Data Ports) 50 Hz - 10 kHz, -20 dBu	< -73 dB	THD+N re: 4 dBu, 1000 Hz, BW = 20 Hz - 20 kHz

I, the undersigned, hereby declare that the equipment specified above conforms to the Directive(s) and Standard(s) shown above.



(Signature)

Greg Frederick
(Full Name)

Compliance Engineer
(Position)

March 11, 2009
(Date)

Mukilteo WA, USA
(Place)

