



RHA -15-30 INSTALLATION-01.PMD

MUSTANG COMMUNICATIONS LTD

EASTFIELD INDUSTRIAL ESTATE, SCARBOROUGH, ENGLAND YO11 3UT

Telephone +44 (0) 1723 582555, FAX +44 (0) 1723 581673

Web: www.mustang.co.uk email: service@mustang.co.uk

RHA.15 & RHA.30 HORN LOUDSPEAKERS

INSTALLATION CONNECTION AND ADJUSTMENT DETAILS

INSTALLATION

The unit may be installed in any axis as required, using the universal "U" bracket.

As supplied, the unit is assembled for indoor (dry) conditions. To take full advantage of the IP66 rating, remove and discard the clear plastic terminal cover and slotted screws, and fit the cable gland and gasket supplied, using the two Pozidrive® screws.

Always angle the loudspeaker such that water (driving rain, hosepipes, etc) cannot accumulate in the horn.

CONNECTION

Connect the incoming 100V line to the two terminals in the connection chamber, marked "1" and "2". Always refit the cover. For optimum audio results, always maintain the same electrical phase amongst all loudspeakers in use in a single area

POWER ADJUSTMENT

As supplied, the loudspeaker will be set to the minimum tapping possible for the model. Select the required power tapping by turning the screwdriver adjustable switch clockwise. The label on the end cover indicates the power settings available.

Never exceed the maximum power rating of the loudspeaker as this will jeopardise the voice coil and automatically invalidate the warranty.

70V and 25V distribution may be used with these units - see the end label for power consumption details.

CAUTION!

In the interests of safety, all connections and adjustments should be made without the 100V loudspeaker line being in operation. Either switch off the appropriate amplifier, or isolate the 100V line at a junction box.

OPERATIONAL NOTE

Horn loudspeakers are intended for speech projection and as such, are inefficient at low (bass) frequencies. Continuous amplification of music with high bass content, or at high level, will burn out the voice coil, and will not be covered by any warranty.

	RHA.15M	RHA.30M
100V Taps	15W, 7.7, 4, 2	30W, 15, 7.7, 4
Connections	Screw clamp. Gland plate supplied with 20mm gland to take 5.5mm dia flex	
Response	355Hz - 6kHz	350Hz-5kHz
Dispersion @	110°	100°
SPL @ 1W 1M	106	107
Mounting	U bracket	
Material &	Aluminium bell in light grey.	
IP rating	66	66
Dimensions WxHxD mm	230 dia x 240	270 dia x 270
Net Weight Kg	2.2	2.6

In the interests of continuous development, specifications are subject to change without notice. E & OE.
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Electromagnetic compatibility (EMC) directive 89/336/EEC and amendment directive 92/31/EEC

This equipment has been designed and manufactured to the highest standards. If connected and operated as set out in this manual, there should be no Electromagnetic Compatibility problems. If any aspect of operation gives rise to concern, then please contact the manufacturer for advice.