DynamicTalk

Universal motorized lift system for gooseneck microphones

Hightlights

- Universal lift system for gooseneck XLR 3 pin microphones
- Stainless steel cover plate with 3 buttons
- Patented 360 ° LED lighting ring to indicate microphone status and protect the movement of the microphone
- PA and Conference working modes
- Auto Mechanical Movement Calibration (AH-AMMC)
- AHlink: Wireless connectivity for setup, adjustments and control

Technology serving Design

General

DynamicTalk is an elegant retractable system for gooseneck microphones with exclusive features. It not only makes the microphone disappear within the desk surface but it also provides a pleasant light to indicate its status clearly indicating to the rest of the participants whose microphone is open. Thanks to its protective and patented lighting ring, the microphones can be safely stored and protected making meeting and conference spaces more flexible and versatile.

DynamicTalk provides two different working modes: PA and Conference. When in PA mode, a push button placed on the stainless steel cover plate allows to activate or de-activate the microphone and the LED ring will indicate the status by changing colour from red to green or vice versa.

This microphone lifting system automatically silences the microphone when retracting, whereas in conference mode the microphone remains active and can be controlled via GPI/O and GPO.

The cover plate is made of brushed stainless steel with optional integration of different interfaces and with the possibility to have different finishes. DynamicTalk is available in 3 standard sizes: 400 mm, 500 mm, 600 mm (for short, medium and large microphones with XLR, 3 pin connector) and then it can be adjusted to fit the exact lenght of each microhone via AHnet and AHlink. Customized versions are also available for several types and sizes of conference microphones and conference brands.

Technical Specifications

Movement's Control

Up/Down Control	Button on upper cover plate
	GPI/O contact closer
	RS-422 (RJ45 CAT 5)
Microphone Control	Button on upper cover plate
PA Mode	GPI/O contact closer
	RS-422 (RJ45 CAT 6)
Free button	Button on upper cover plate
GPI/O	LED, up/down and switch
AHlink	App tool to diagnose, verify and configure

Electrical

External power supply	100-240 Vac, 47/63Hz, 12Vdc
Power consumption	10W

Mechanical

Dimensions	110 x 110 x 504 mm [4.33" x 4.33" x 19.84"]
Weight	3 Kg / 6.6 Lbs

Shipping Dimensions:	
Weight	4 Kg/ 8.8 Lbs
Shipping Box	240 x 205 x 750 mm [9.5" x 8.07" x 29.52"]
Maximum microphone lengh	600 mm [23.62"]

Other

AH-AMMC	Auto Mechanical Movement Calibration

Options

- Aluminum cover plate
- Painted
- Integrated USB passthrough on the cover plate
- 2 Integrated USB passthrough on the cover plate
- USB power outlet on the cover plate
- Customization for audioconference brands
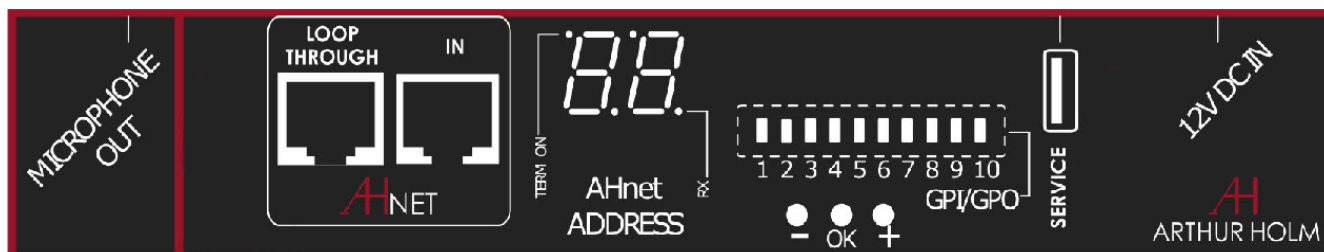
Certifications

- CE
- FCC
- CB

Warranty

- 2 years general warranty

Consultants, architects and engineers specifications

The motorized lift system shall lift and retract a gooseneck microphone with a maximum lenght of 600 mm. . The cover plate shall be made of brushed stainless steel and shall provide a rounded coverlid and 3 operation buttons to open/close, mute/unmute and a free GPO. The lift shall include a translucent plastic round ring to center the microphone during its rise and retract movement from a position hidden below the cover to a top position projected through the cover preventing the microphone from touching the cover plate, damaging or blocking when retracting. The LED ring shall provide a programable red or green light and shall be 360° visible. The system shall be equipped with RS-422, RJ-45 and AHnet open protocol and shall allow individual remote control, setup and diagnosis of up to 30 units per line. The unit shall provide GPI/O (contact close to control the movements), GPO (contat close to detect button activation) and a USB for firmware upgrades. The unit shall provide a safety system that detects obstructions and shall cause the unit to stop with an audio indication. The unit shall provide and auto calibration mode to reset mechanical speeds and safety adjustments. The unit shall provide an automatic RS-422 addressing system when used in combination with ERT-30 and ERT-60.

The unit shall be compatible with a wireless app that allows to adjust the system to the exact microphonel lenght, to facilitate the serial number and the activation and deactivation of the RS-422 termination and to change the working mode from PA to Conference.
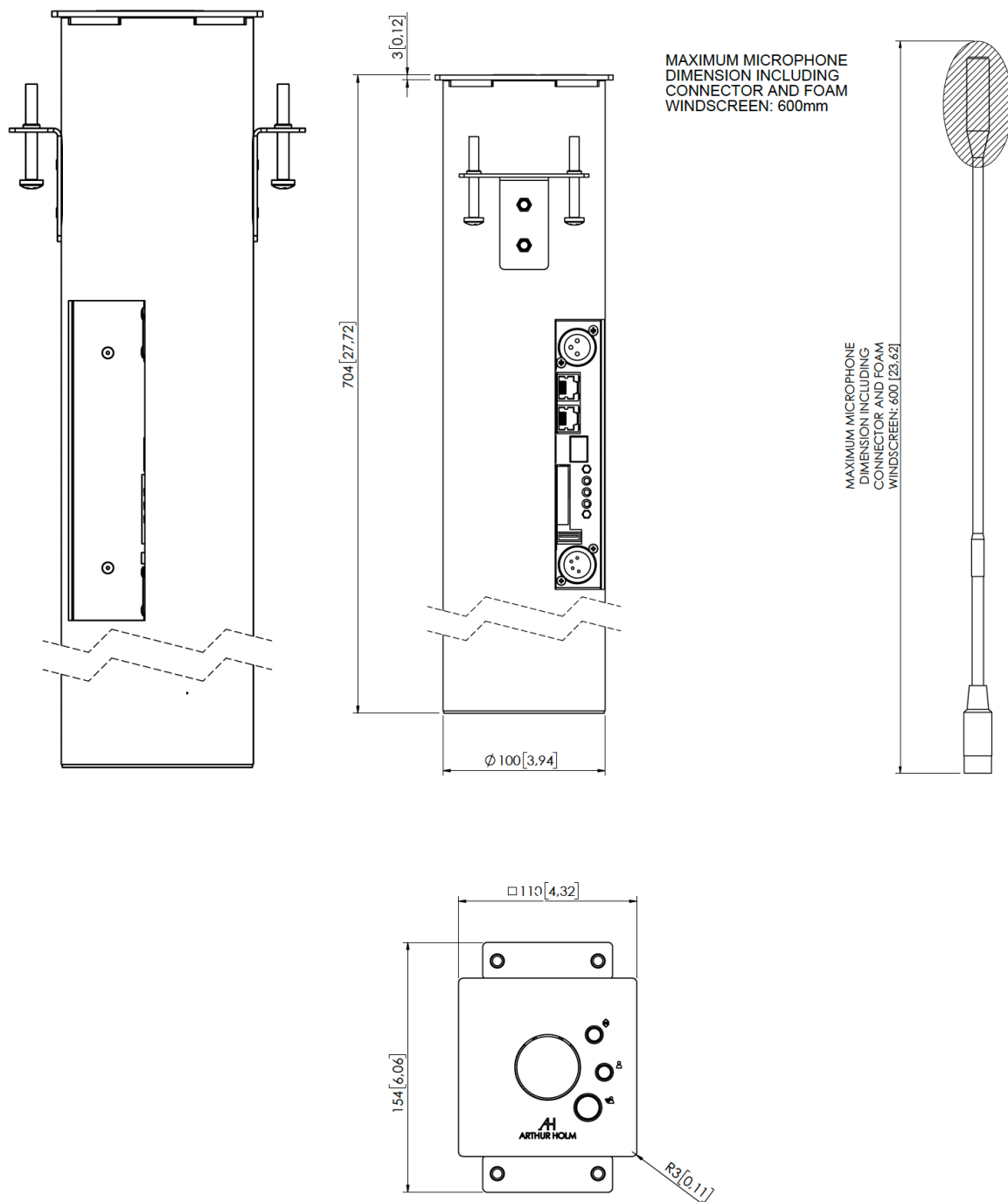
Connectivity Panel

3 [0,12]

704 [27,72]

MAXIMUM MICROPHONE
DIMENSION INCLUDING
CONNECTOR AND FOAM
WINDSCREEN: 600mm

Ø 100 [3,94]

MAXIMUM MICROPHONE
DIMENSION INCLUDING
CONNECTOR AND FOAM
WINDSCREEN: 600 [23,62]

□ 110 [4,32]

154 [6,06]

ARTHUR HOLM

R3 [0,11]

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