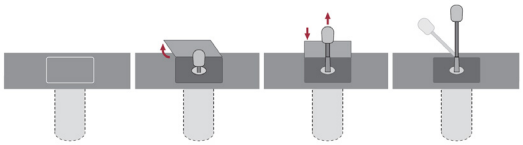
DynamicTalk UnderCover

Universal motorized lift system for gooseneck microphones with an automated cover for veneering









Highlights

- Universal lift system for gooseneck XLR 3-pin microphones
- Motorized hatch for veneering
- 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)
- Wireless connectivity compatible with AHlink for setup and control via ERT

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General

DynamicTalk UnderCover is a retractable system for gooseneck microphones featuring a motorized hatch designed to be easily veneered and seamlessly integrated into the furniture. It not only makes the microphone disappear completely beneath the table surface but also incorporates an illuminated ring that clearly indicates its status, letting all participants know whose microphone is active. Thanks to its patented protective lighting ring, microphones can be safely stored and protected, making meeting and conference spaces more flexible and versatile.

DynamicTalk UnderCover offers two working modes: PA and Conference. When in PA mode, a push button located on the base plate allows users to activate or deactivate the microphone, while the LED ring will indicate the status by changing color from red to green or vice versa. This microphone lifting system automatically mutes the microphone when it retracts whereas in Conference mode the microphone remains active and can be controlled via GPI and GPO.
An external button box allows the system to be opened and closed.

The base plate is made of black-coated painted steel, with the option of integrating additional interfaces and selecting different finishes. DynamicTalk UnderCover is available in three standard sizes: 400 mm, 500 mm, 600 mm (for short, medium and large microphones with XLR, 3-pin connector). The system can also be adjusted to match the exact length of each microphone via AHnet and AHlink. DynamicTalk UnderCover shall be compatible with ERT-30 and ERT-60.

Using Arthur Holm's ERT, all units installed in a table can be assigned individual addresses simply by pressing a button. The DynamicTalk UnderCover is compatible with AHlink app for Android and iOS, which provides access to setup, diagnostics and control menus.

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 base plate (down movement)
	GPI/O contact close (compatible with external box with GPI remote control interface with 2 buttons)
	RS-422/RS-485 Full Duplex (RJ45 CAT 6 FTP)
Microphone Control	Button on base plate
PA Mode	GPI/O contact closer
	RS-422/RS-485 Full Duplex (RJ45 CAT 6 FTP)
Free button	Button on base plate
GPI GPO	LEDs control, up/down Mute button and free button
Button box	Allows the system to be opened and closed.
AHlink compatible	

Electrical	
External power supply	100-240 Vac, 50/60Hz, 12Vdc
Power consumption	10W

Mechanical	
Housing below the table	123.5 x 164.75 x 699 mm [4.86" x 6.49" x 27.52"]
Weight	8Kg / 17.64 Lbs
Maximum microphone length	600 mm [23.62"]

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Consultants, architects and engineers specifications

The professional retractable system shall be designed for 3-pin XLR gooseneck microphones with a maximum length of 600 mm and shall be specifically conceived to be veneered, allowing a seamless integration into the furniture. The automated hatch shall be made of black coated painted steel and shall be operated by an electric motor that raises and lowers the microphone into and out of the table. The base plate shall be made of black-coated painted steel, with optional integration of additional interfaces and different finishes.

The system shall include a translucent plastic ring that centers the microphone during the raising and retracting movements, preventing it from touching the base plate, becoming damaged or getting stuck. The ring shall integrate a 360° LED indicator, that shall change between red and green to clearly indicate the microphone status to all participants.

The system shall offer two operating modes, PA and Conference, selectable via a wireless app. The app shall also allow the system to be adjusted to the exact length of the microphone.

The system shall provide three operation buttons: for close, mute/unmute and a free GPO. It shall be equipped with RS-422/RS-485 Full Duplex, RJ-45 and the open AHnet protocol, allowing individual remote control, setup and diagnostics of up to 30 units per line. A USB port shall also be provided for firmware upgrades.

The system shall incorporate a safety function that detects obstructions and stops the movement, accompanied by an audible warning. It shall also feature an auto-calibration mode to reset mechanical speeds and safety parameters.

Options

- Integrated connectors
- Integrated speakers
- Customization for audioconference brands

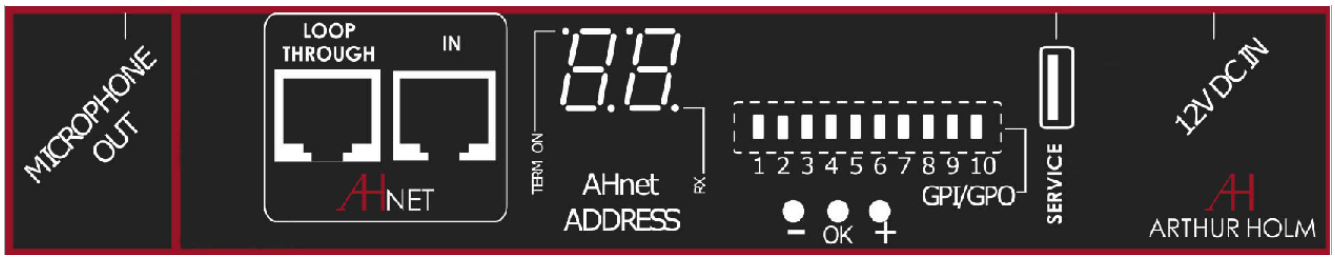
Certifications

- CE
- CB
- IECEE
- RoHS
- EMC

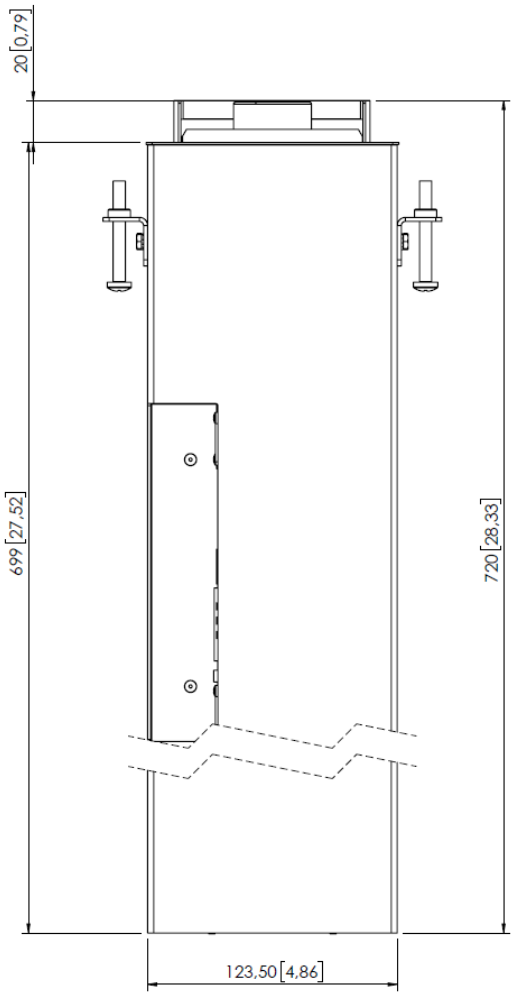
Warranty

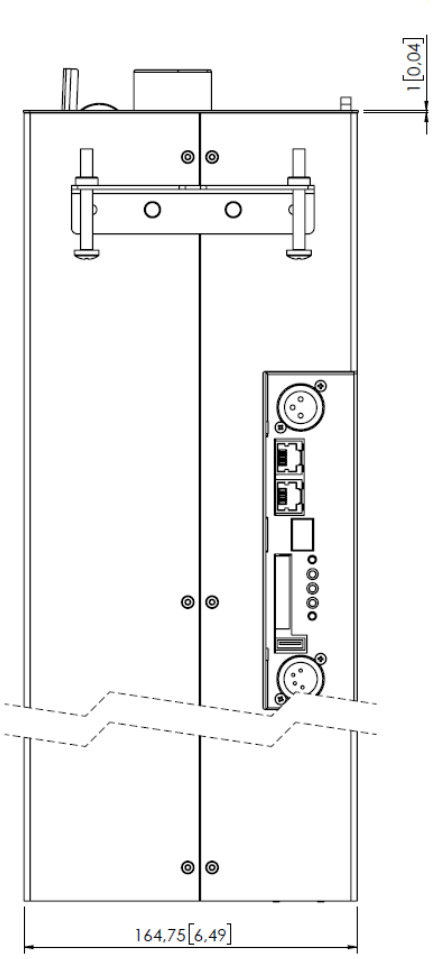
- 2 years general warranty

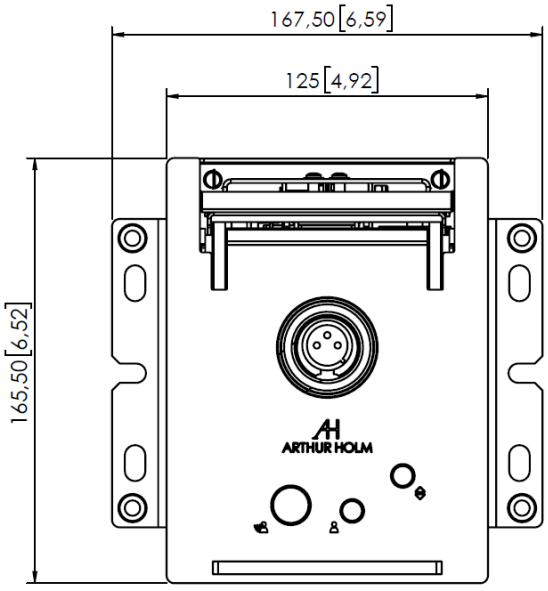
Connectivity Panel

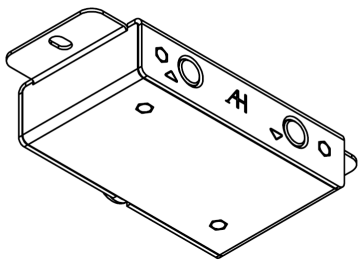


General Dimensions









Button box

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