

# AH

## ARTHUR HOLM

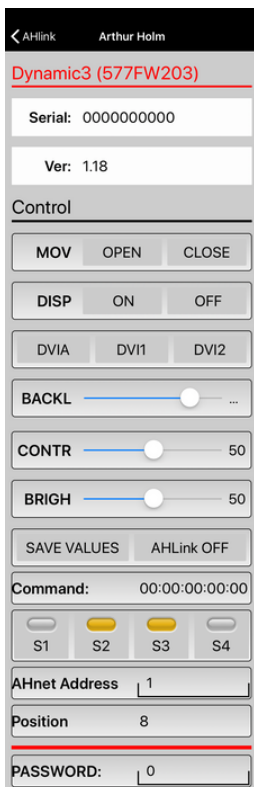
### Dynamic3Talk

HDCP compliant aluminum foldable motorized monitor with an independent lift for gooseneck microphone

AH22D316GATalk



Customized Dynamic3Talk.



### Highlights

- Opens and folds down
- Adjustable and memorizable tilt angle from 90° to 110°
- Synchronized tray lift movement
- Floating security sensor
- Entirely built of aluminum
- Independent microphone lift
- 360° LED status indicator
- 2 DVI inputs HDCP compliant
- Front double-sided anti-reflective 2 sides coating 3mm black edged glass
- Energy saving design, low consumption video controller
- Interactive Setup Display (ISD)
- HDCP compliant
- Energy saving design, low consumption video controller
- Wireless connectivity for setup and control
- Auto Mechanical Movement Calibration (AH-AMMC)

AHlink : the App for setup, control and diagnose



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## General

Arthur Holm Dynamic3Talk is a motorized foldable product range that folds and unfolds and includes an independent lift for gooseneck microphones.

The screen's lifting system automatically activates the elevation of a tray where keyboard and mouse can optionally be placed. The system to lift the tray includes at least two cams on each side for pushing the platform and two braces connecting the base and the closest cams. The screen is protected with an anti-reflective 2 side coating 3 mm black edged glass. The monitor has a dual safety system that detects obstructions causing the unit to stop through a floating security sensor.

Dynamic3Talk is available from 17.3" to 21.5", with 2 DVI-HDCP compliant inputs and equipped with an interactive setup display (ISD) allowing the control, setup and diagnose of the monitors. Monitors provide RS-422 / RS-485 Full Duplex I/O allowing the remote control of movements, speeds, safety settings, brightness, contrast and backlight.

The aluminum cover plate includes an independent lift system for microphones with a rounded microphone coverlid that protects the microphone when not in use. The system includes a patented lighting ring which indicates the status of the microphone.

This system 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 the color from red to green. The system will automatically silence the microphone when retracting. When in Conference mode, the microphone will be always active and both, the light ring and the access to the push button on the cover plate will be available via GPI and GPO for remote control.

Dynamic3RTalk has an additional movement, which allows the monitor to rotate 180° and be folded with the screen facing up.

The monitors are equipped with Auto Mechanical Movement Calibration (AH-AMMC). The use of the Arthur Holm's ERT will enable the address configuration of all the monitors installed in a table by simply pressing a button. The monitor is compatible with AHlink Android and iOS app allows access to the setup, diagnose and control menus.

## Options and accessories

- Projected capacitive multi-touch screen
- DynamicLoop
- DynamicShare
- Integrated connectors on cover plate
- Integrated camera
- Retractable HDMI cable
- Keyboard and mouse
- Underneath installation
- Customer laser-engraved logo on the cover plate
- Painted
- Black anodised
- Gold finish
- ERT-30 / ERT-60

## Warranty

- 2 years general warranty

## Certifications

- CE
- IECCE

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## Technical Specifications

### Display

Size	Full HD 21.5" TFT Active Matrix, widescreen format. LED backlight
Resolution	1920 (h) x 1080 (v)
Brightness	500cd/m2
Contrast ratio	1000:1
Pixel	0.24795 (h) x 0.24795 (v) mm
Viewing angle	89°/ 89° (u/d) 89°/ 89° (l/r)
Viewing area	476.064 (h) x 267.786 (v) mm
Response time	Tr 12ms, Tf 10ms
Temperature	Operating 0° ~ +40°C Storage -20° ~ +60°C

### Materials

Monitor housing	Anodized aluminum
Glass	AR 2 side with an anti-reflective coating on the glass surface. Thickness: 3.0 ±0.3mm
Cover plate	Anodized aluminum

### Connectivity

Input signal	DVI-I (1 input) HDCP compliant DVI-D (1 input) HDCP compliant
RJ 45 CAT6 (with loop)	Addressable RS-422/RS485 Full Duplex monitor control by AHnet protocol
GPI (subD9)	Movements control (opto isolated)
USB	For service (firmware upgrades)

### DynamicTalk Control

Up/Down Control	Button on upper cover plate, GPI contact closer, RS-422/RS-485 Full Duplex
Microphone control	Button on upper cover plate
Customized function	Button on upper cover plate
GPI/O	LEDs control, up/down and switch

### Movements Control

User interface on monitor	(Up/Down)
Remote	RS-422/RS-485 Full Duplex I/O/GPI

### Electrical

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

### Accessories

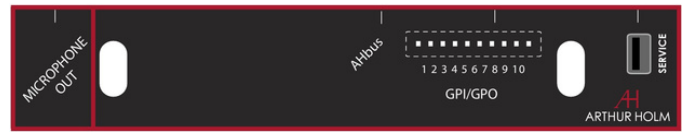
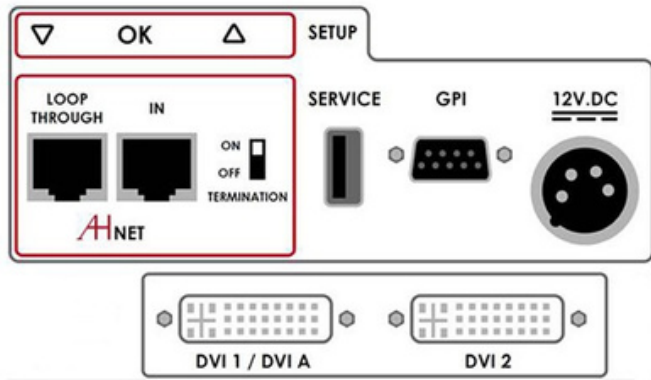
ERT-30 / ERT-60	Ethernet interface unit
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### Mechanical Dimensions

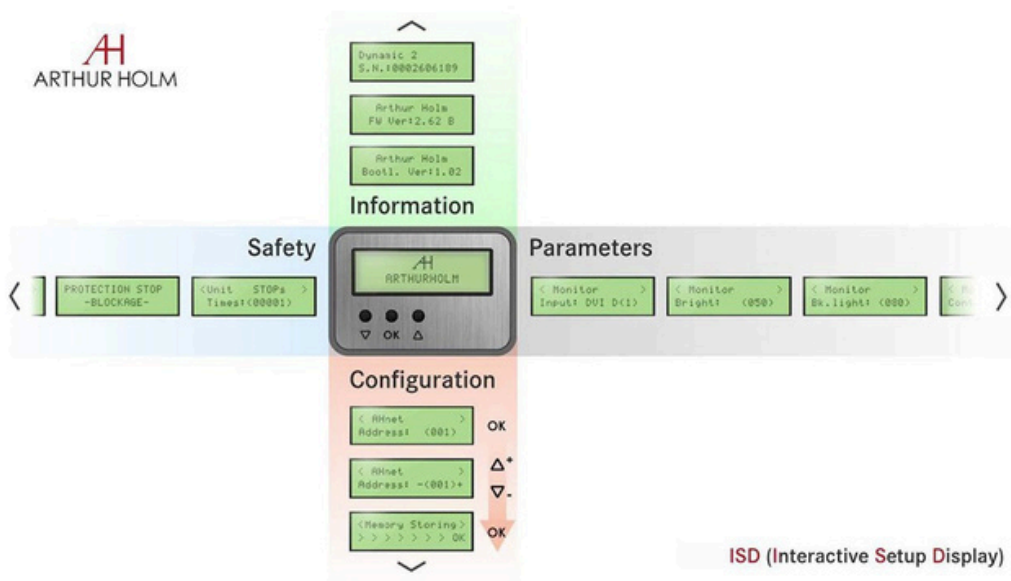
Screen	538 x 340 x 33mm [21.18" x 13.37" x 1.30"]
Housing below the table	735 x 456 x 99.75mm [28.94" x 17.95" x 3.93"]
DynamicTalk below the table	140 x 140 x 605.1mm [5.51" x 5.51" x 23.82"]
Weight	24.7kg / 54.45lb

## Connectivity panel

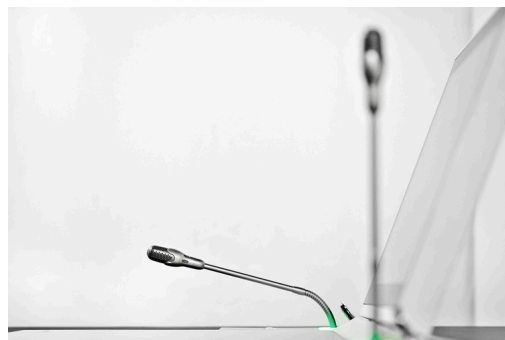
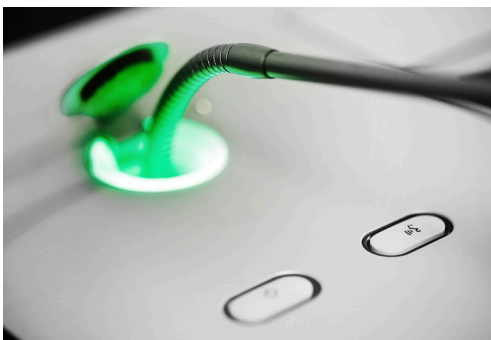
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## Interactive Setup Display (ISD)



ISD (Interactive Setup Display)



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## Consultants, architects and engineers specifications

Motorized foldable 21.5" Full HD professional monitor with an independent lift for gooseneck microphones. The monitor housing shall be made of milled anodized aluminum and the screen shall be protected with anti-reflective 2 side coating black edged 3 mm glass. The monitor shall have a brightness of 500cd/m<sup>2</sup>, and a contrast ratio of 1000:1.

The monitor's opening mechanism shall activate automatically the rising of a synchronized aluminum tray covering the entire opening surface. The system to lift the tray shall include at least two cams on each side for pushing the platform and two braces connecting the base and the closest cams. The monitor shall be capable to be folded with the screen facing down. The monitor shall have a dual safety system that detects obstructions causing the unit to stop through a floating security sensor.

The aluminum cover plate shall include an independent lift system for microphones with a rounded microphone coverlid that protects the microphone when not in use. The system shall include a patented lighting ring which indicates the status of the microphone.

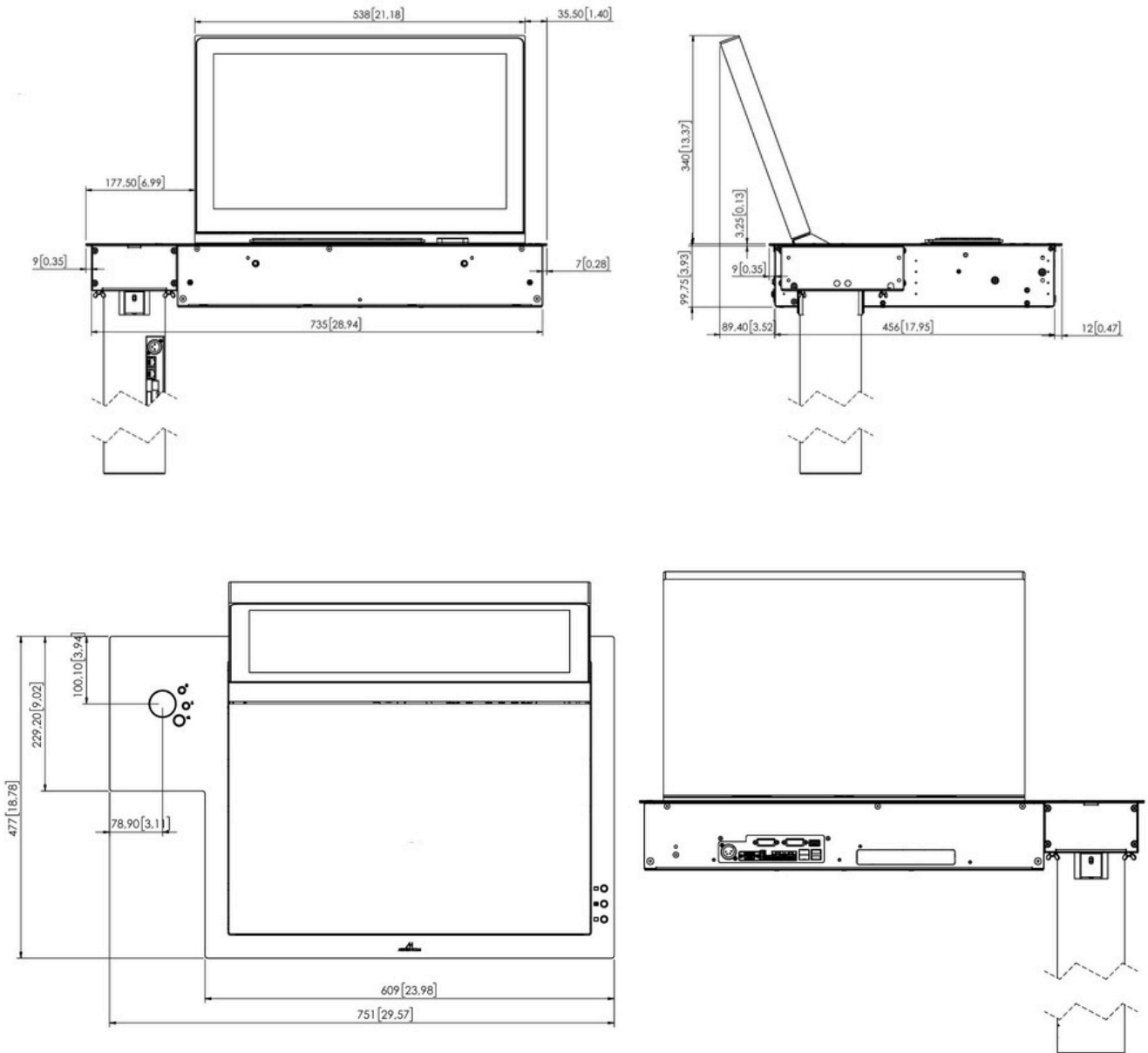
This system shall provide two different working modes: PA and Conference. When in PA mode, a push button placed on the stainless steel cover plate shall allow to activate or de-activate the microphone and the LED ring shall indicate the status by changing the color from red to green. The system shall automatically silence the microphone when retracting. When in Conference mode, the microphone shall be always active and both, the light ring and the access to the push button on the cover plate shall be available via GPI and GPO for remote control.

The monitor shall provide 2 DVI – HDCP Compliant inputs by a licensed HDCP monitor manufacturer. The monitor shall provide an addressable RS-422 / RS-485 Full Duplex and an easy-to-read interactive setup display (ISD) for the setup, diagnose and control, and shall be compatible with ERT-30 and ERT 60.

The monitor shall be able to run an auto-adjustment program to reset the factory security ratio between its factory movement speed and its protection parameters adapting the unit to the way it has been installed. The monitor shall provide a USB port for firmware upgrades. The monitor shall be compatible with the AHlink wireless Android and iOS App for the setup, diagnosis and control.



## General dimensions



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