



# ARRAY

## CONTROL SURFACE

Array brings together hardware control panels and software to deliver the most flexible and user customisable control system in the broadcast industry. Not limited to “traditional” remote control (one panel per machine or software application), Array can be built to suit the exact workflow of a particular operator involving multiple devices.

Array is a number of robust, compact and stylish control panels that can be mixed and matched to form an Array Surface. Installation is simplified - panels are easily joined together magnetically, power and data distributed between the panels via concealed connectors. Only one power and network connector is required to the customer’s equipment. With up to four panels joined together forming an ergonomic curve to give the customer the most flexible configuration.

- » Choice of five different control surfaces plus display and control options
- » Computer version built into base with quiet cooling system for ultimate control experience
- » High quality construction utilising quality components
- » Superior ergonomics - controls within easy reach surface angled for optimum user experience in the smallest footprint possible
- » Extensive feedback from bright and vibrant displays
- » USB and network control - single point of connection between (up to) four panels
- » Cable guides to hold network, USB and power cables securely in place
- » Panels join together and are held in place with strong magnets with mechanical reinforcement if required
- » Power saving mode with touch on/off switch

Five Array control surfaces:

- » **RGB Surface** Twelve programmable RGB keys, four mini programmable auxiliary RGB keys, a monochrome OLED display and a programmable multi-way switch
- » **RGB Surface +** Twenty programmable RGB keys, four mini programmable auxiliary RGB keys, a monochrome OLED display and a programmable multi-way switch
- » **OLED Surface** Twelve programmable high resolution OLED keys for the display of text or icons
- » **OLED Surface +** Twenty programmable high resolution OLED keys for the display of text or icons
- » **OLED Rack** Rack mounted panel with twenty programmable high resolution OLED keys for the display of text or icons and a programmable multi-way switch

Three Array base options:

- » **Computer base** Full specification Intel PC
- » **Connector pod base** Base with power, network for control and USB for connecting peripherals such as keypad
- » **Satellite base** Simple satellite base to extend multiple front panels via the data-bus connector

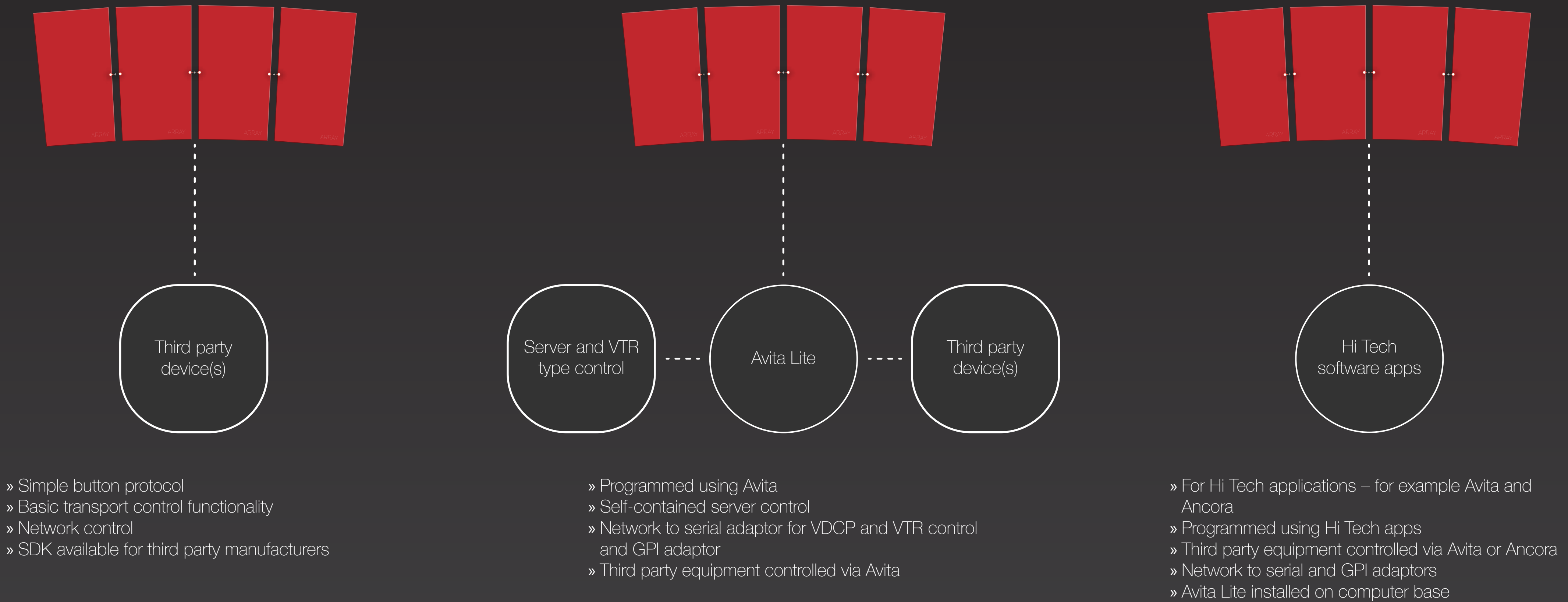
Array options for RGB and OLED Surface:

- » T-Bar (not plus versions)
- » Jog/shuttle wheel (not plus versions)
- » Additional monochrome OLED display for displaying timecode

DEPLOYMENTS

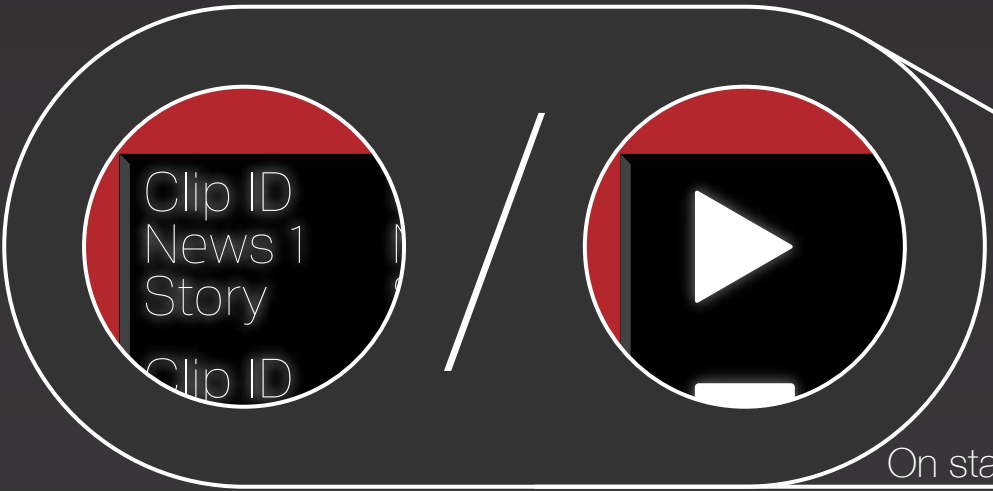
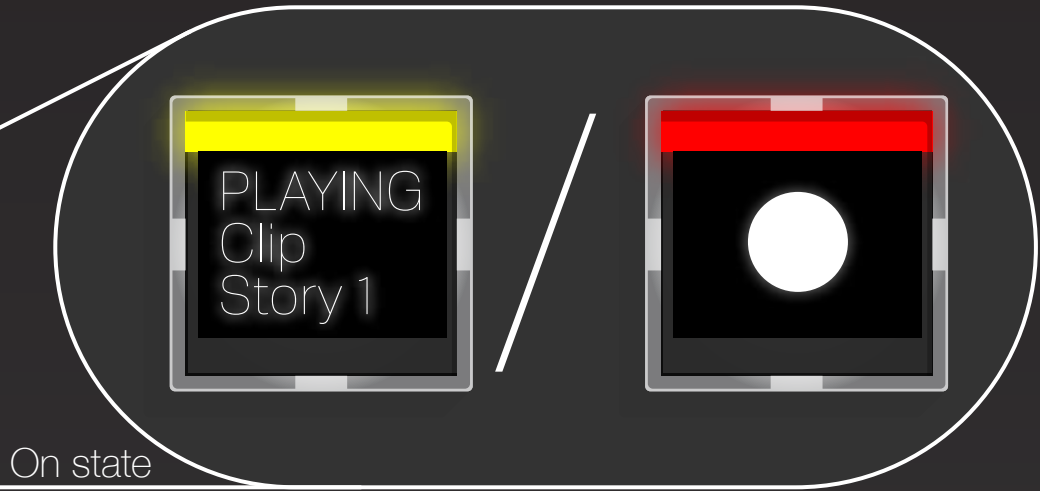
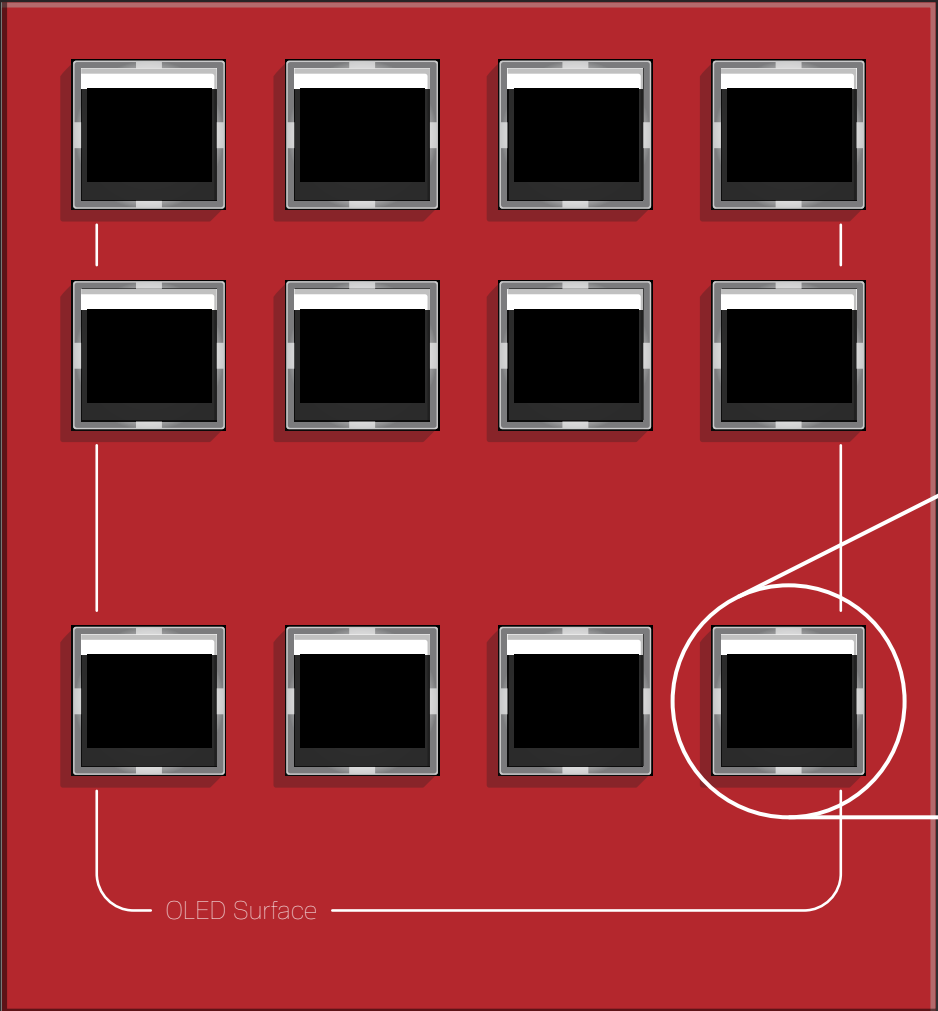
Array Surfaces are designed to work with our Avita and Ancora software products as well as with other third party devices using the built in Hi Tech ‘button’ protocol. Servers and VTRs can up controlled using the computer base and appropriate control software such as Avita. Control can be via a network with optional interfaces for serial and GPI.

Any Array Surface (up to four panels) to suit your workflow

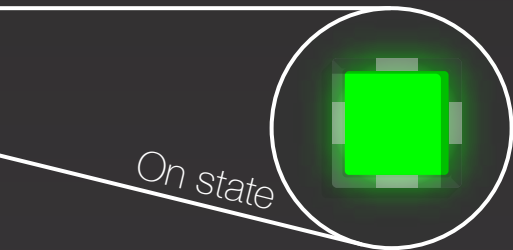
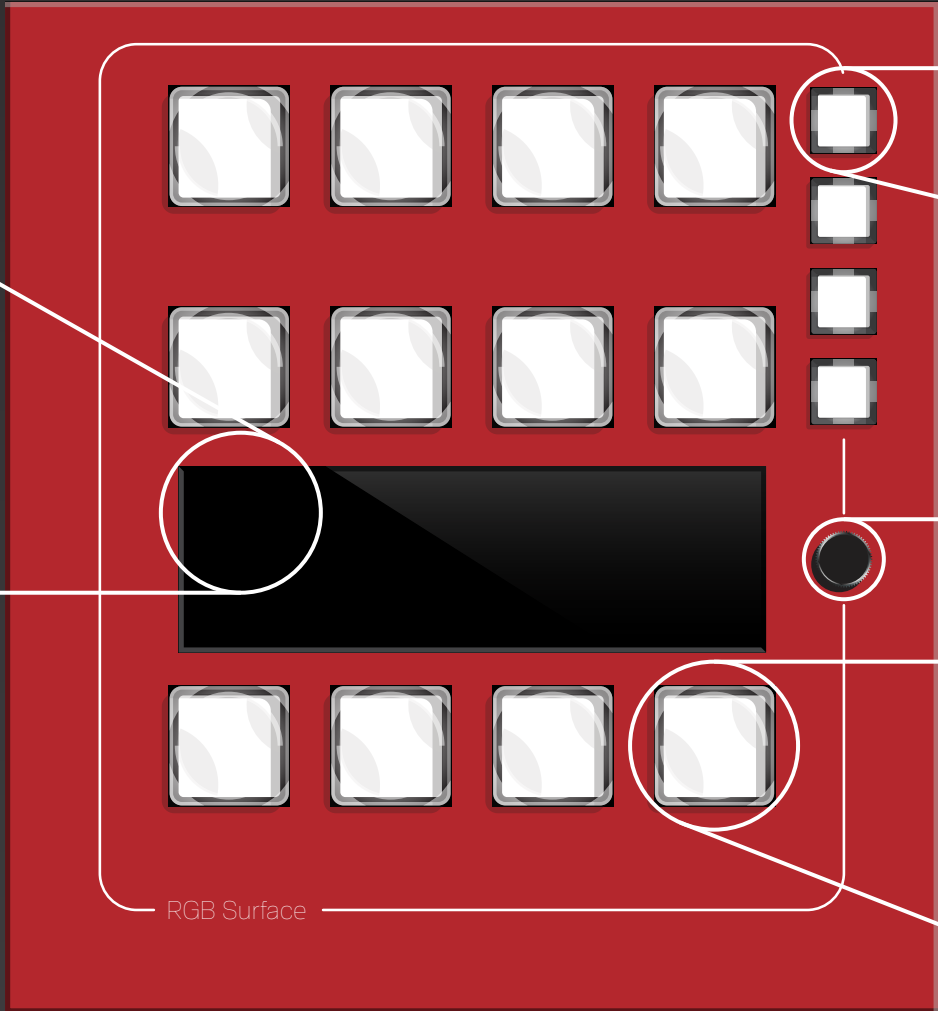


OLED & RGB SURFACE DETAIL

Twelve bright and clear OLED keys. Programmable with text (up to three lines of seven characters) or a graphic (up to 60 x 32 pixels) and illuminates with RGB LEDs with seven colour variations.

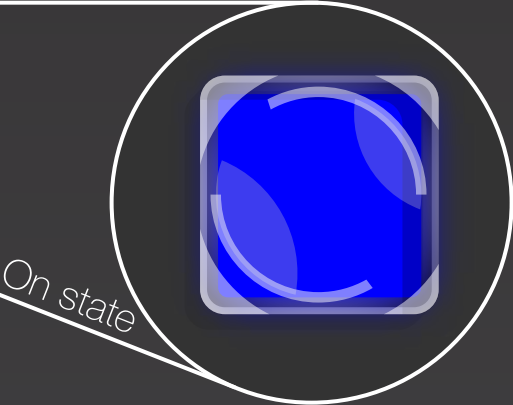


Bright and clear OLED display is divided into eight sections for labeling the functionality of the closest RGB key. Programmable with text (21 characters over 3 lines) or a graphic (60 x 32 pixels).



Four programmable tactile green LED keys.

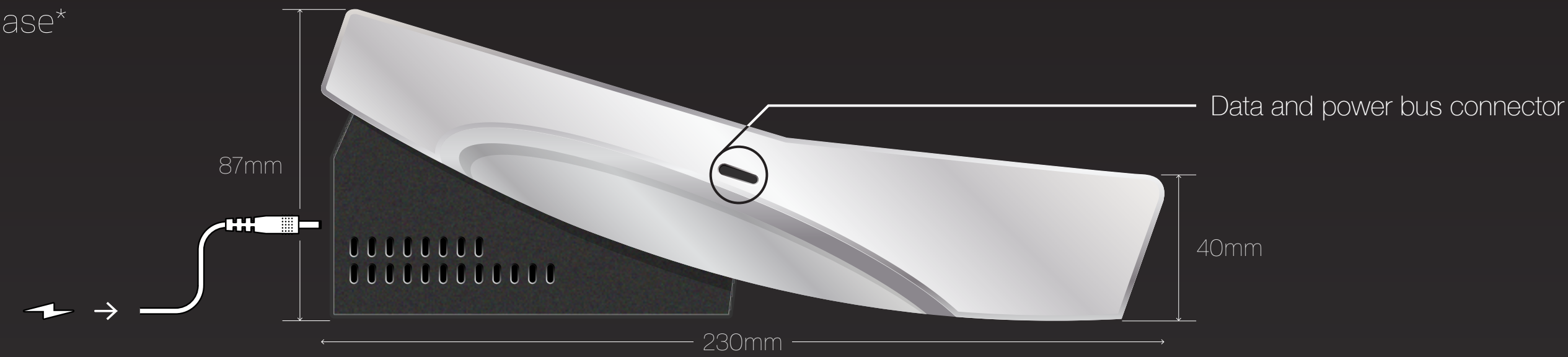
Multi function four way switch, rotary encoder and centre push switch.



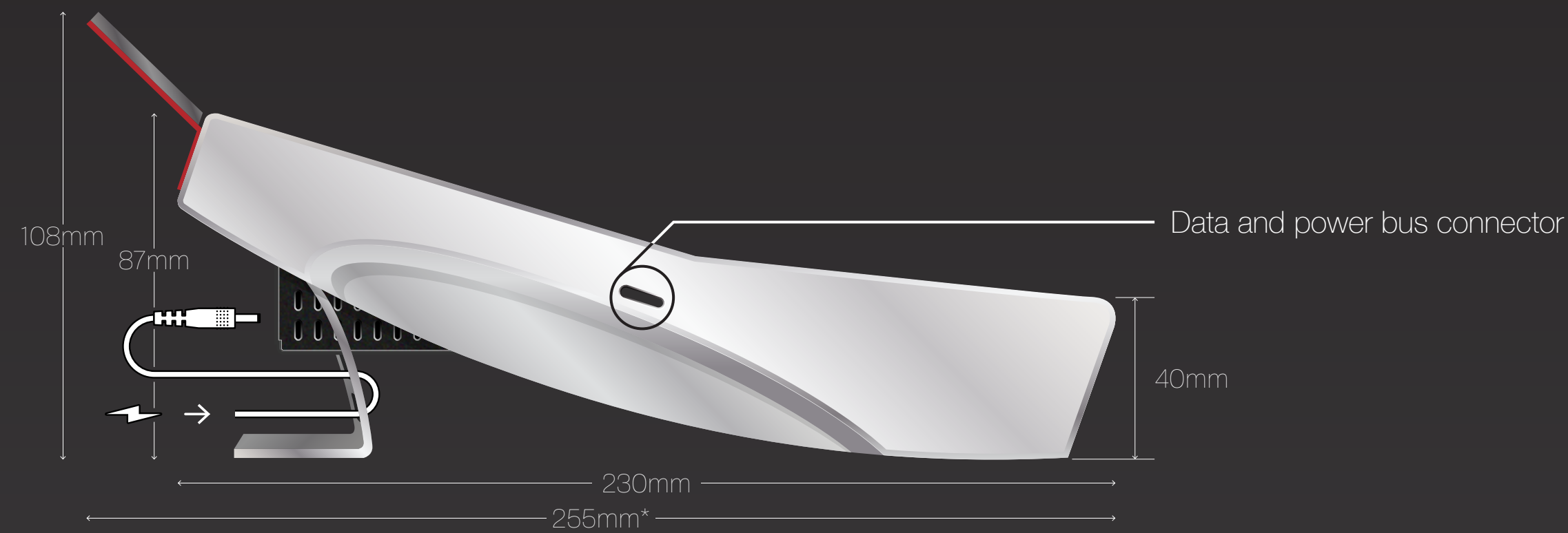
Twelve tactile RGB keys. Each programmable with seven colour variations.

SIDE VIEW

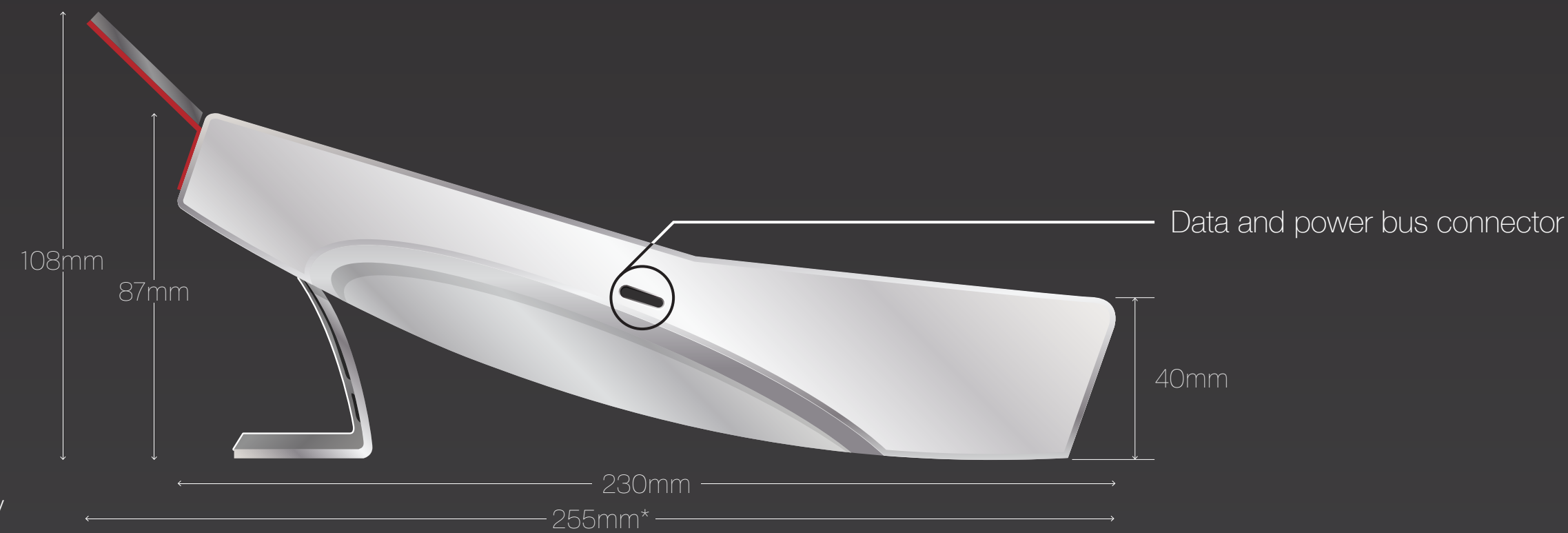
Computer base\*



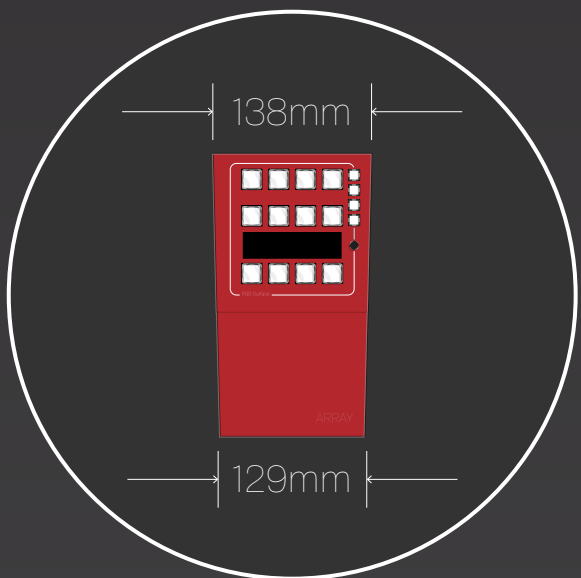
Connector pod base\*



Satellite base\*

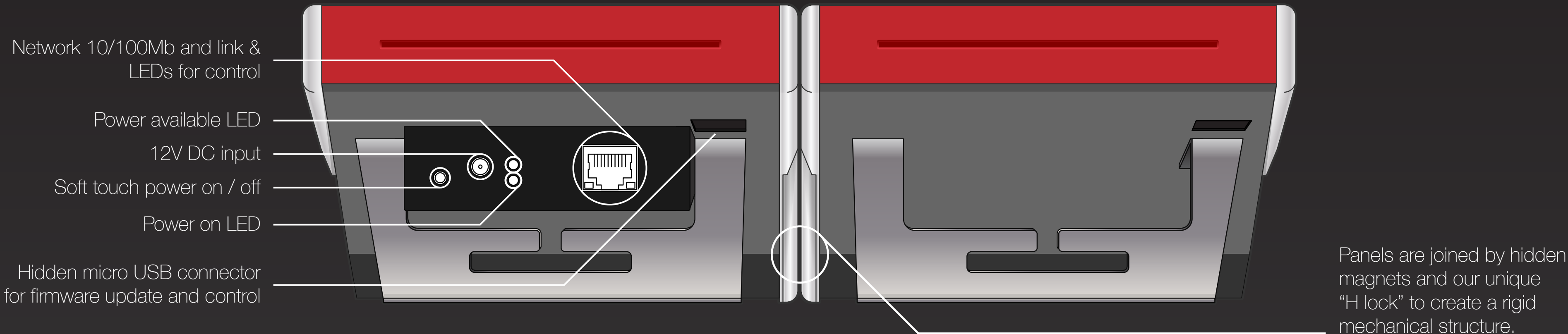


\*available with optional display

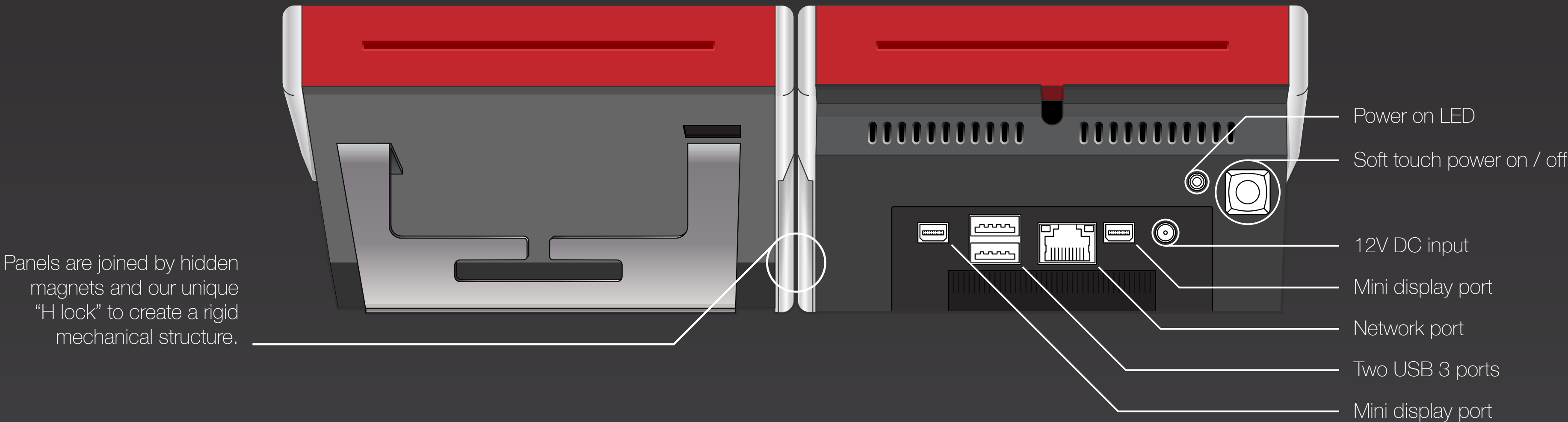


BACK VIEW

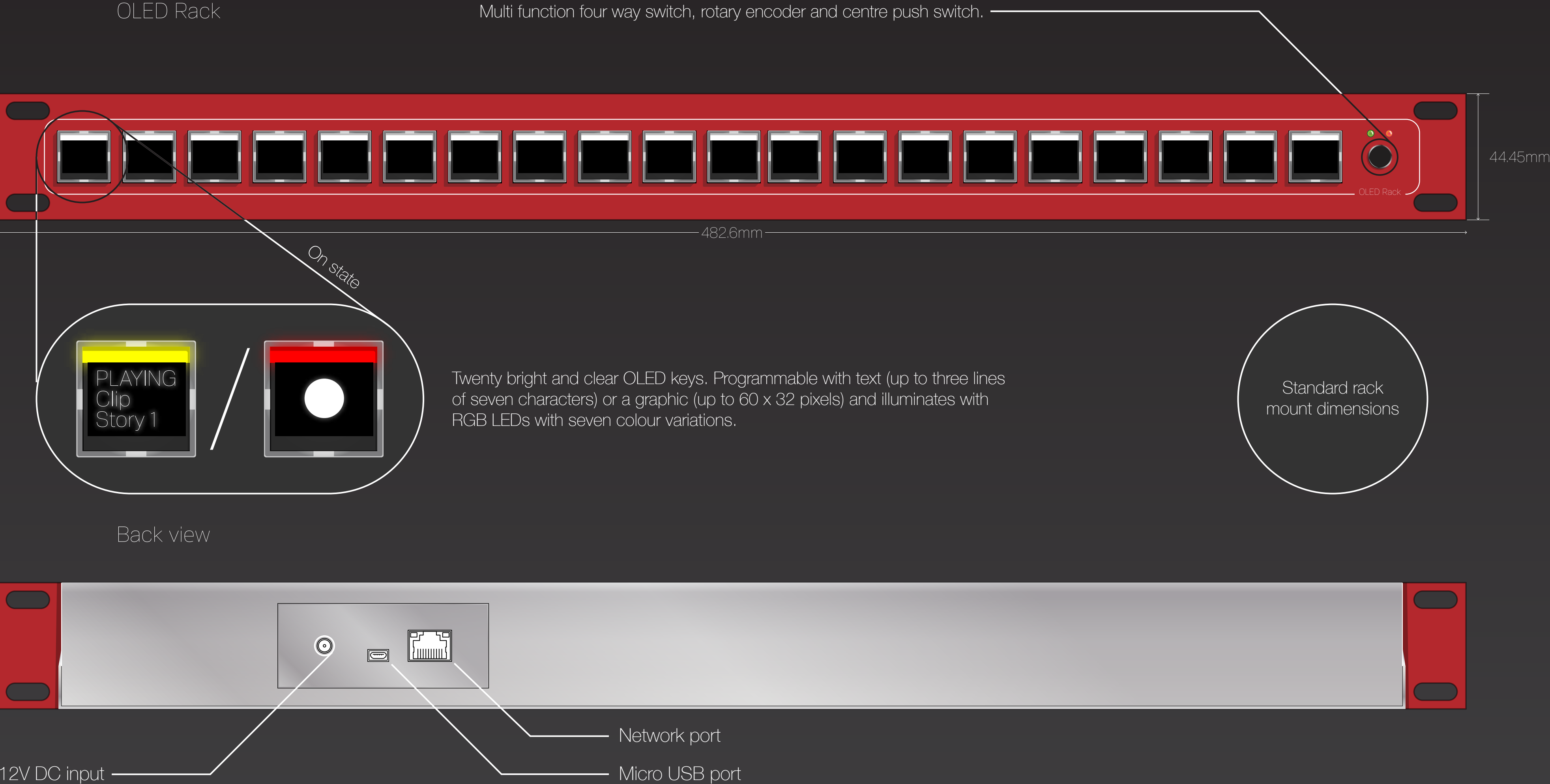
Connector pod base + Satellite base



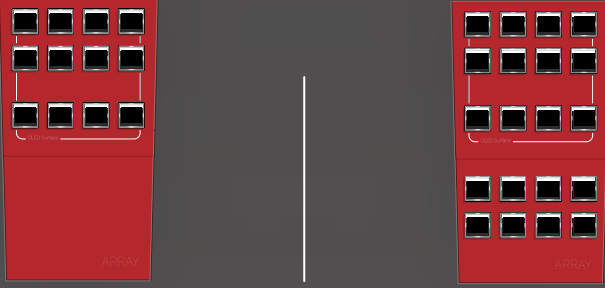
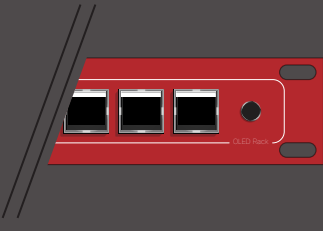
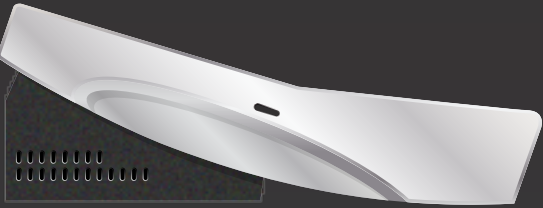
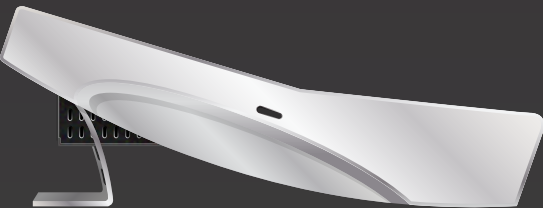
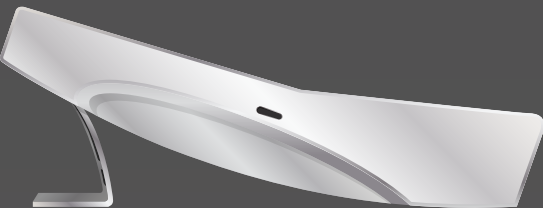





Satellite base + Computer base



RACK MOUNT DETAIL



CONFIGURATION DETAIL

|                 |   | RGB Surface   |         | OLED Surface  |         | OLED Rack  |   |
|-----------------|---|---|---------|---|---------|--|---|
|                 |   |    |         |    |         |               |   |
| MASTER PANEL    | <br>Computer base       | HT 511  | HT 511+ | HT 521  | HT 521+ | X  | MASTER PANEL<br>One required per system |
|                 | <br>Connector pod base | HT 512  | HT 512+ | HT 522  | HT 522+ | HT 532   |   |
| SATELLITE PANEL | <br>Satellite base    | HT 513  | HT 513+ | HT 523  | HT 523+ | X  | SATELLITE PANEL<br>Add up to three      |
| Options         |   | <br>Wheel or T-bar<br><br>Display |         | <br>Wheel or T-bar<br><br>Display |         | <br>Display |   |

TECHNICAL SPECIFICATIONS

Computer Base

|                         |   |
|-------------------------|---|
| Processor               | Intel® 5th Generation Core i3-5010U (2.1GHz Dual Core , 3MB Cache, 15W TDP) |
| Memory                  | 4GB RAM and 120GB SSD   |
| Operating system        | Windows® 7 Embedded (Supplied as standard)                                  |
| Graphics                | Intel® HD Graphics 5500<br>2x mini DisplayPort 1.2 connectors               |
| Peripheral connectivity | 2x USB 3.0 ports  |
| Network connection      | Intel® 10/100/1000Mbps  |
| Power supply            | External 100-240V input 15V 3A (Max) output                                 |
| Power consumption       | 30W   |
| Operating temperature   | 5-35C/40-90F  |

Connector Pod

|                         |   |
|-------------------------|---|
| Peripheral connectivity | 1x USB 2.0 port                             |
| Network connection      | 10/100Mbps                                  |
| Power supply            | External 100-240V input 12V 5A (Max) output |
| Power consumption       | 30W   |
| Operating temperature   | 5-35C/40-90F                                |

**Note:** Power usage supports any Array surface (with additional surfaces of up to four) and options



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