



#### **APPLICATIONS FOR SERVER PLAYOUT AND INGEST**

Avita is a system of software applications encompassing ingest, play out, scheduling, News & Sports and works with any professional video server. Array control panels can be fully integrated into an Avita system.



#### **CONFIGURABLE HARDWARE PANELS**

Our all encompassing range of control panels that can be combined to form a control surface to suit a multitude of workflows, for use with our Ancora and Avita systems or with third party applications.



#### **UNIFIED CONTROL SYSTEM**

For controlling, production and infrastructure equipment across a broadcast facility. Utilising a software package to design logic workflow, GUIs and hardware panel controllers as well as provide a common user interface for all connected equipment.



#### **VTR AND DISK CONTROLLERS**

Our extensive range of single to eight channel VTR control panels and two port server control panels. Applications cover cue controllers, sports controllers and multi channel controllers.

**HT200 2 channel VTR DDR**

Product Code	Product Name	Description
HT201	altuS HT201	Single machine remote controller for VTRs and disk recorders. No display. Supplied accessories: External PSU.
HT211	altuS HT211	Professional 1 machine remote controller for VTRs and disk recorders with display. Supplied accessories: External PSU.
HT212	altuS HT212	Two machine remote controller for VTRs and disk recorders with display. Supplied accessories: External PSU.
HT212e	altuS HT212E	Two machine editing remote controller for VTRs and disk recorders with editing. Supplied accessories: External PSU.
HT252	altuS HT252	Compact two port server controller with Odetics and AMP server protocols and keyboard interface. Supplied accessories: External PSU.
HT262	altuS HT262	Compact two port server controller with VDCP server protocols, keyboard interface. Supplied accessories: External PSU.

## HT500 Array control panels

Product Code	Product Name	Description
HT513	HT513 Array control surface, 12 RGB keys, Satellite base	Array Control surface, 12 programmable RGB keys, 4 mini keys, OLED display programmable mini joystick. Satellite base - connects to Connector pod via databus connector.
HT512	HT512 Array control surface, 12 RGB keys, pod base	Array Control surface, 12 programmable RGB keys, 4 mini keys, OLED display, programmable mini joystick. Connector pod base with power, USB and Ethernet connectors, 12v power supply.
HT513+	HT513+ Array control surface 20 RGB keys satellite base	Array Control surface 20 programmable RGB keys, 4 mini keys, OLED display, programmable mini joystick. Satellite base - connects to Connector pod or PC base via databus connector.
HT512+	HT512+ Array control surface 20 RGB keys Pod base	Array Control surface 20 programmable RGB keys, 4 mini keys, OLED display, programmable mini joystick. Connector pod base with power, USB and Ethernet connectors. 12v power supply.
HT523	HT523 Array control surface 12 OLED keys Satellite base	Array Control surface with 12 programmable OLED keys. Satellite base - connects to Connector pod or PC base via databus connector.
HT522	HT522 Array control surface 12 OLED keys Pod base	Array Control surface with 12 programmable OLED keys. Connector pod base with power, USB and Ethernet connectors. Includes 12v power supply.
HT523+	HT523+ Array control surface 20 OLED keys Satellite base	Array Control surface with 20 programmable OLED keys. Satellite base - connects to Connector pod or PC base via databus connector.
HT522+	HT522+ Array control surface 20 OLED keys Pod base	Array Control surface with 20 programmable OLED keys. Connector pod base with power, USB and Ethernet connectors. Includes 12v power supply.
HT532	HT532 Array 1U Rack panel 20 OLED rotary encoder.	Rack mounting Array control panel with 20 programmable keys and rotary encoder. External power supply and connectors for network and USB.
HT500W	HT500W Jog/shuttle wheel for Array panels - option	Jog/shuttle wheel option for Array OLED and RGB panels NOT + version
HT500T	HT500T T-Bar for Array panels - option	T-Bar for Array OLED and RGB panels (NOT + models or Touch Screen version)
HT500D	HT500D OLED display for Array panels - option	Additional OLED timecode and status display for RGB and OLED key panels.

## HT800 4 and 8 channel VTR

Product Code	Product Name	Description
HT884	altuS HT884	Professional four machine remote controller for VTRs and disk recorders. Supplied accessories: External PSU.
HT884c	altuS HT884C cue controller	Professional 4 machine remote controller with keypad for VTRs and disk recorders. Supplied accessories: External PSU.
HT884s	altuS HT884s sports controller	Professional 4 machine slow motion remote controller with T-bar for VTRs and disk recorders. Supplied accessories: External PSU.
HT888	altuS HT888	Professional 8 machine remote controller for VTRs and disk recorders. Supplied accessories: External PSU.
HT888c	altuS HT888C Cue controller	Professional 8 machine remote cue controller for VTRs and disk recorders. Supplied accessories: External PSU.
HT888s	altuS HT888S sports controller	Professional 8 machine slow motion remote controller with T-bar for VTRs and disk recorders. Supplied accessories: External PSU.

## A basic AViTA system has three key elements –

- 1 AViTA engine or base - software only to install on customers computer, a small pre configured NUC PC, DELL server or modular operator control panel Avita Li
  - 2 the interface to the device(s) being controlled
  - 3 the software application(s) that will run on the system. From the following list choose the appropriate combination that reflects the operational requirements.
- Additionally there are options such as a GPI interface. For more complex systems or for clarification of individual elements, then please contact us.

## HT900 Avita engine

Product Code	Product Name	Description
HT901c	AViTA HT901c Compact footprint chassis	Containing an AViTA "engine" installed and configured - Intel NUC - 4 core i5 processor 2.30 Ghz, 16 GB RAM, and a 256 GB SSD, Windows 10 OS. External power supply. Requires monitor, keyboard & mouse. <b>Note: control interface option and software application(s) must be added to this device.</b>
HT901S	AViTA HT901S software Engine for installation on customer computer	Requires computer with Windows OS (contact Hi Tech for details), monitor (or touch screen), keyboard & mouse . Software package is downloaded from our secure servers. <b>Note: control interface option and software application(s) must be added to this software.</b>
HT901Dell	AViTA HT901 Dell Precision 3930 1U Rack	Containing an AViTA "engine" installed and configured - Intel Core i5-8500, (6 Core, 9MB Cache, 3.0GHz, 4.1Ghz Turbo w/ HD Graphics 630, Windows 10 IoT OS. Includes Dual power supplies, Requires monitor, keyboard and mouse. <b>Note: control interface option and software application(s) must be added to this device.</b>
HT901 LT-2	Avita Lite - two channel server payout and ingest.	Array Control surface - Containing an AViTA "engine" installed and configured - Intel NUC - 4 core i5 processor 2.30 Ghz, 16 GB RAM, 120 GB SSD, Windows 10 OS. External power supply. <b>Specify</b> wheel or T-bar, <b>AND</b> 12 programmable OLED keys or 16 RGB keys and mini joystick. Requires monitor, keyboard & mouse. <b>Note: control interface to server must be specified.</b>
HT901 LT-4	Avita Lite - four channel server payout and ingest.	Array Control surface - Containing an AViTA "engine" installed and configured - Intel NUC - 4 core i5 processor 2.30 Ghz, 16 GB RAM, 120 GB SSD, Windows 10 OS. External power supply. <b>Specify</b> wheel or T-bar <b>AND</b> 12 programmable OLED keys or 16 RGB keys and mini joystick. Requires monitor, keyboard & mouse. <b>Note: control interface to server must be specified.</b>
HT901 LT-2S	Avita Lite - for Harmonic.	As HT901 LT-2 but for Harmonic Spectrum with additional ingest and playback features.
HT901 LT-4S	Avita Lite - for Harmonic	As HT901 LT-4 but for Harmonic Spectrum with additional ingest and playback features.

## HT900 Avita control interfaces

Product Code	Product Name	Description
HT950-4	AViTA HT950-4 four port network to serial adaptor.	Used to control server or supplement network API interface and/or extend serial control to devices like routers, switchers and character generators.
HT950-8	AViTA HT950-8 Eight port network to serial adaptor.	Used to control server or supplement network API interface and/or extend serial control to devices like routers, switchers and character generators.
HT951-4	AViTA HT951-4 Four port RS422 control licence	Four port BVW/VDCP control licence. Can also be used for control of other serial devices such as routers or switchers. Requires network and serial cables.
HT951-8	AViTA HT951-8 Eight port RS422 control licence	Eight port BVW/VDCP control licence. Can also be used for control of other serial devices such as routers or switchers. Requires network and serial cables.
HT951-12	AViTA HT951-12 Twelve port RS422 control licence	Twelve port BVW/VDCP control licence. Can also be used for control of other serial devices such as routers or switchers. Requires network and serial cables.
HT951-16	AViTA HT951-16 Sixteen port RS422 control licence	Sixteen port BVW/VDCP control licence. Can also be used for control of other serial devices such as routers or switchers. Requires network and serial cables.
HT961-2	AViTA HT961-2 Two port Omneon API translator	Uses API for extended feature set compared with VDCP control. Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT961-4	AViTA HT961-4 Four port Omneon API translator	Uses API for extended feature set compared with VDCP control. Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT961-8	AViTA HT961-8 Eight port Omneon API translator	Uses API for extended feature set compared with VDCP control. Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT961-12	AViTA HT961-12 Twelve port Omneon API translator	Uses network for extended feature set over VDCP control Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT961-16	AViTA HT961-16 Sixteen port Omneon API translator	Uses API for extended feature set compared with VDCP control. Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT962-2	AViTA HT962-2 Two port Harris API translator	Uses network for extended feature set over VDCP control Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT962-4	AViTA HT962-4 Four port Harris API translator	Uses network for extended feature set over VDCP control Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT962-8	AViTA HT962-8 Eight port Harris API translator	Uses network for extended feature set over VDCP control Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT962-12	AViTA HT962-12 Twelve port Harris API translator	Uses network for extended feature set over VDCP control Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.
HT962-16	AViTA HT962-16 Sixteen port Harris API translator	Uses network for extended feature set over VDCP control Note: VTR control and/or router or switcher control can be added with the addition of a network-serial converter.

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HT963-4	AViTA HT963-4 Four port AMP licence for Grass Valley servers	Four port AMP licence for Grass Valley servers
HT952-Rtr	AViTA HT952 router control	Router control - contact Hi Tech for list of supported devices. If serial control requires network to serial interface.
HT952-Ent	AViTA Enterprise bus	Interface to 3rd party devices, contact Hi Tech Systems or see website for further information.

## HT900 Avita software options

Product Code	Product Name	Description
HT930	AViTA HT930 GearBox	General purpose play and record control with playlisting for automated, shot box or manual play out. Extensive search facilities, dynamic clip database updates, easy play list building and management. Import and export of play lists. Grouped channel play back and record, fast clip creation with meta data and crash record (server dependent). GearBox can be integrated into MultiPlay, Scheduler, Q-Tracker, Multi Record and Differential.
HT931	AViTA HT931 Eventer	Multi-camera studio production recording and playback control. Scene by scene review with editing and metadata input.
HT932	AViTA HT932 Multi record	For recording multiple recordings in a studio – simultaneously. The ideal solution for ISO camera recording in the studio.
HT933	AViTA HT933 Differential	Clip archive to tape, and Tape copy to server.
HT934	AViTA HT934 News	Interfaces to NRCS. MOS gateway for Multiplay. Rundowns imported into AViTA and clip status dynamically fed back to the NRCS . HTML plugin for clip display for drag and drop into stories.
HT939	AViTA HT939 MultiPlay	ABCD playlist style payout that requires on-air changes for news style operations.
HT942	AViTA HT942 Scheduler	Scheduled record and play software application.
HT941	AViTA HT941 Heads Up status monitor software.	Display status of four server channels playing, paused, stopped or recording with clip ID and timecode - actual and count down. Requires computer running Windows 10.
HT935	AViTA HT935 Servo	Manage and control two or more servers connected to a single AViTA engine. Servo will manage the clip data for you. In AViTA clips are displayed in separate server "bins" enabling you to record and playback from the correct server.
HT936	AViTA HT936 Reflector	Mirror the control of one or more server channels from AViTA. Reflector controls the primary channel and reflects this control to any secondary channels. This can therefore be a main/back-up control system. Option for GearBox, Multiplay and Scheduler.
HT937	AViTA HT937 Syncro	Connect two or more AViTA systems to a shared AViTA database and Syncro manages the sharing of clip lists and playlists between the two AViTAs. Since the data is also stored remotely there is built in redundancy should one system fail. Option for GearBox

**All software applications can be controlled with Array hardware control panels.**



**HT900 Avita if hardware options**

Product Code	Product Name	Description
HT923	AViTA HT923 back-up failsafe power supply	AViTA HT923 back-up failsafe power supply, includes "Y" lead for combining two power supplies together
HT922	AViTA HT922 GPI interface.	GPI interface. Industrial grade 16 input/output bi-directional GPI module connected to AViTA via a network. Includes GPI software license. External 24v power supply.

**Avita extended warranty**

Product Code	Product Name	Description
HT973S	Complete warranty for HT901S software only systems. 12% Per Annum.	See separate warranty and support guide for details.
HT972S	Extended warranty for HT901S software only systems. 6% Per Annum.	See separate warranty and support guide for details.
HT973	Complete warranty for Hardware based AViTA systems. 15% Per Annum.	See separate warranty and support guide for details.
HT972	Extended warranty for Hardware based AViTA systems. 8% Per Annum.	See separate warranty and support guide for details.