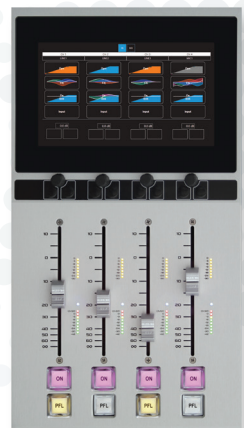
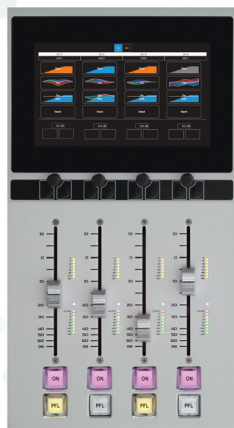
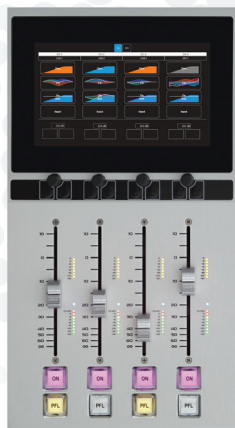
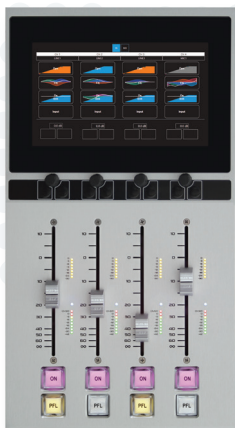




THE NEW MANDOZZI DIGITAL ON AIR / PRODUCTION MIXING CONSOLE



GENERAL OVERVIEW



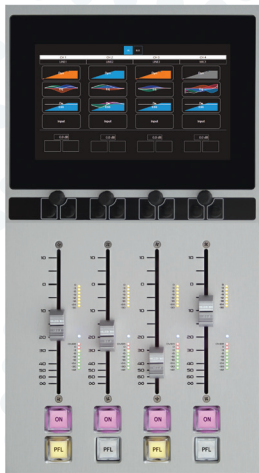
is the NEW Mandozzi modular system to create custom control surface, I/O configuration and a DSP power of your digital audio network in broadcast applications.



- Ergonomic, easy to learn user interface
- Completely modular and configurable control surface
- Immediate system overview and fast parameter access
- From 4 to 48 channel P&G motorized faders
- The heart of the system is the new MANDOZZI Core engine **BEAEX**
- Modular DSP structure with 48 full processed I/O signal for every DSP boards
- Programmable user authorization system
- Monitoring and talkback system
- I/O sharing and control sharing with other MANDOZZI Ares System
- Intercom Functionality
- Loudness Meter

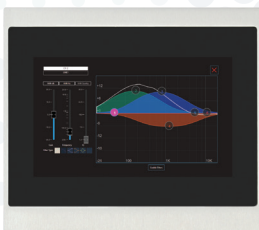
THE CONTROL SURFACE

There are several different modules to create a customized Control Surface and several different configuration. It is possible to have studio-desk built-in modules, desktop modules or fixed frame modules in order to create optimized version of a control surface depending on the applications.



Fader Module

- 4 P&G Motorized fader
- 4 configurable knob with push function
- 16 configurable push buttons
- Integrated 7" touch screen fuction recall and function parameters modifications: Eq, Dyn, Input Channel, Busses Assign, Aux, N-x



Fader Screen Module

- Additional 7" touch screen fuction recall and function parameters modifications: Eq, Dyn, Input Channel, Busses Assign, Aux, N-x, Metering

THE CONTROL SURFACE



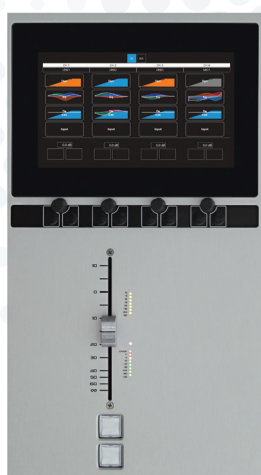
ARES Central Module

- Central 10" touch screen panel
- Monitor function
- Talkback function
- Snapshot Recall
- USB In
- Talkback Mic In
- 1 Stereo Line In
- 1 Line Out
- Dual Headphone Out
- 4 rotary knob with custom functionality



ARES Central Panel PC

- 15" touch screen panel PC
- System configuration
- Ares software management
- Custom User Interface
- Total operation management



ARES Remote Fader Module

- 1 P&G not motorized fader
- 4 configurable knob with push function
- 10 configurable push buttons
- Integrated 7" touch screen function recall and function parameters modifications: talkback, monitor selection

DSP CORE: BEAEX



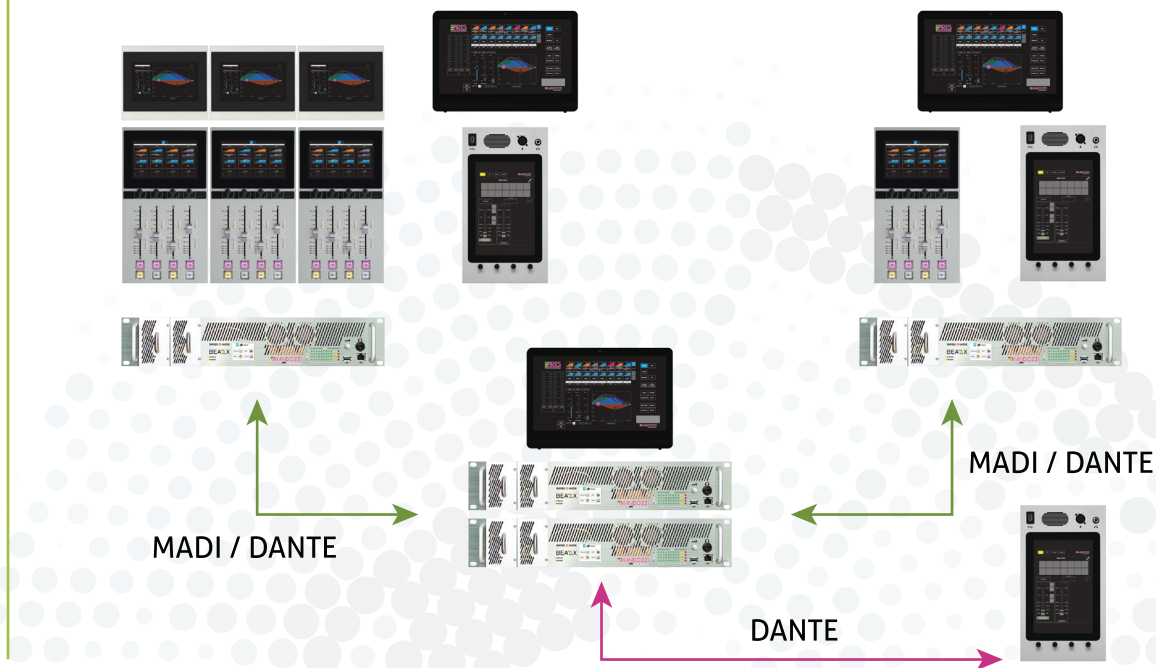
- 19" 2 RU Engine with control system signal processing and audio interface
- Integrated Routing System with up to 4096 x 4096 I/O
- Modular DSP structure. 48 channel full processing for each DSP board
- Changeover functionality
- Redundant Hot Swap PSU
- Led Meters, headphone & monitor out level control, USB port
- Touch screen for setup & monitoring functions
- DANTE integrated AoIP board
- BEALINX integrated board with 512 audio signal bus
- Software upgrade
- Modular I/O configuration
- PSU power factor correction



- AES/EBU I/O Card: 8 In/ 8 Out
- AES/EBU Out Card: 16 Out
- Mic/Line Input Card: 8 In
- Analog Input Card: 16 Line In
- Analog Output Card: 16 Line Out
- Dante AES67 Card: 64 I/O ch x 2
- MADI I/O Card: 64 I/O ch x 4
- DSP Card: 48 Fully Processed Channels
- Codec Card: IP Codec Mpeg, AAC, Opus
- GPIO Card: 12 GPI / 12 GPO
- GPO Card: 24 GPO

GENERAL CONFIGURATION EXAMPLES

STAR CONNECTION



RING CONNECTION

