

Kahuna Advanced Operations

Aims

This course is aimed at existing Kahuna operators who wish to exploit the full possibilities of this advanced vision mixer.

Topics Covered

This course covers more advanced aspects of operation including advanced transitions, advanced chroma key, 4 layer masking, selective colour correction, advanced 3D effects including trail applications, phase 3 effects etc.

Results

At the end of the course attendees should be able to create their own unique on air looks and deal with the most demanding of productions.

Duration

This is normally a one day course involving direct teaching, interactive sessions and many hands on exercises.

Location and timing

The course can be conducted on your premises at a time to suit you.

Kahuna Advanced Training Modules

Section A1

A1.1 Advanced transitions

- Using user mix, three source mix
- Transition limit, limit completion
- Wipe sub menu controls
- Multiple transitions, offsets.
- Clip transitions
- Custom DVE background transitions
- DVE key transitions

Time: 30 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

A1.2 Key set-up, advanced

- Chroma key 2
 - Manual set-ups, Colour suppression, masks, hold back mattes, shadows, spill edges etc.
- Bus Colour/Input basics key applications
 - Pre correction, colour effects
- Re-Size engines
 - Effects, pictures controls
- Borders and other edge effects

Time: 30 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

Section A2

A2.1 Memory systems

- Projects
 - Changing projects, using multiple projects
- DMEMS
 - Saving & recalling settings
- DMEMS
 - Partial saves, partial recalls, Enables, Overrides
- DMEMS
 - Transferring settings
- GMEMS
 - Saving groups of settings
 - Saving all settings
 - Linking other settings
 - Organising your memories
 - Hard/soft and stores, Hierarchical organisation

Time: 60 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

A2.2 Timelines

- Timelines and DMEMS enables etc
- Advanced time line editing
 - Modifies, adding extra lines, selective deletes, copies etc
- Advanced timeline controls.
 - Profiles, pauses, transitions
- Transitions in timeline
- Time recall and preset transitions

Time: 30 mins. Target: operator, Students 5 max, Style: lecture+ demonstration+ practical

A2.3 Macros Applications

- Macros as setups
- Macros as controls
- Macros and external devices
- Macros and editing
- Marcos with time lines

Time: 60 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

Section 3

3.1 3D DVE I

- Sources and routing
- Surfaces and their meaning
- Surface effects
 - Lighting, focus, film effects
- Insertion points
- Controls in background and key

Time: 60 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

3.2 3D DVE II

- 3D space and controls
- Zoom and Z position
- Target and source space
- Global and multi channels effects
- Multi channel effects with modifiers

Time: 60 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

3.3 3D DVE III

- DVE Models
- Models with 3D effects
- Typical model applications
- DVE in Keys
 - Using keyed sources, running transitions,
- Lighting controls
- Trail Controls
- Modulation applications

Time: 60 mins. Target: operators, Students 5 max, Style: lecture+ demonstration+ practical

Section A4

A4.1 System Set-up

- Store Set up and Cross point mapping
- Mattes and washes
- ME Outputs set up
 - Clean feed
 - Two programs
 - Two programs different cuts
 - Layering
 - Up/Down Converter
- Bus/cross point

Time: 60 mins. Target: operators, engineers, Students 10 max, Style: lecture+ demonstration

A4.2 Advanced Operator Setups

- Filling system
 - Backing up
 - Importing stills and Clips
 - Creating clips with keys
- Peripheral controls
 - VTRs
 - Disc stores
 - Routers
 - GPOs
- Panel Set-up
 - Preferences
 - ME Button link
 - ME Button Maps
 - Macros revisited
 - Bus linking and substitution

Time: 60 mins. Target: operators, Engineers, Students 5 max, Style: lecture+ demonstration

Section A5

A5.1 Advanced Engineers Setups

- Engineering
 - Setting sources
 - Port protocols
 - Tallies, GPOs etc.
 - Overlays
 - Restoring factory settings
 - Setting Start up modes

Time 30 mins. Target: Engineers, Students 10 max, Style: lecture+ demonstration

A5.2 Format Fusion

- Engineering background
- Meaning of resolution independence
- Multi-format applications
- Aspect ratio defaults
- Simulcast applications
- Quality settings and meanings

A5.2 Multi Panel, Multi mainframe

- Network set ups and I/P addresses
- Switcher builder
- Slave mainframes
- Shadow switchers
- Redundancy

Time 30 mins. Target: Engineers, Students 10 max, Style: lecture+ demonstration