

Kahuna Basic Engineering Training

Aims

This course is aimed at giving engineering and maintenance staff responsible for a new Kahuna installation a good grounding in the set up and daily maintenance of the S&W Kahuna switcher system.

Topics Covered

Topics include in depth descriptions of the user set up menus and their applications, the engineering set up menus and their relationship to peripheral systems. The course gives a technical overview of the system internal operation and system components.

Results

After successful completion of this course students should be capable of setting up the system independently for different operational environments. They should also be able diagnose problems to a module, order and replace any faulty parts.

Duration

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

Location and timing

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

Kahuna Basic Engineering Course

Section 1

E1.1 System Set-up

- Store Set up
- Mattes and washes
- ME Outputs set up
- Bus/cross point
- Panel lockouts

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

E1.2 Advanced Operational Setups

- Filling system
 - Organisation
 - Backing up
 - Importing stills and Clips
- Peripheral controls
- Cross point mapping
- Panel Set-up
 - Preferences
 - ME button link
 - ME button maps
 - User function buttons
 - Bus linking and maps
 - Aux panels
 - Buttons clones

Time: 45 mins. Target: operators, Engineers, Students 5 max Style: lecture+ demonstration

Section 2

E2.1 Advanced Engineers Setups

- Engineering
 - Setting sources
 - Standards, Genlock video timing
 - Port protocols
 - Tallies, GPOs etc.
 - Overlays
- Format fusion
 - Input formats
 - Outputs formats
 - Resize setups

- System Configuration
 - Kahuna Concept
 - Logical switchers
 - Controlling MEs
 - Assigning control
- User Configuration
 - Aux bus setup
 - Re-entry order
- Defaults
 - Organising your system
 - Restoring factory settings
 - Setting Start up modes

Time: 50 mins. Target: Engineers, Students 10 max, Style: lecture+ demonstration

Section 3

E3.1 Basic Maintenance

- System Structure
- System components
- Diagnostics
- Diagnostics menus
- Gathering information
- Backups and data maintenance

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

E3.2 Maintenance II

- Control Panel Structure
- Module functions and diagnosis
- Replacing controls
- Replacing modules
- Mainframe modules & functions
- Mainframe module replacement

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