

Allegiant Matrix Switchers

- Course Title:** Allegiant Matrix Switchers
- Duration:** 2 Days
- Target Audience:** Installation, Service Technicians, Project Managers
- Total Attendees:** 8
- Objectives:** Upon successful completion of this course the participant should be able to
- Identify Basic Models and Accessory interface units
 - Understand basic Keyboard operations-
 - Program the Allegiant matrix to define alarm scenarios, generate CCL commands, and time events using the Master Control Software program.
 - Configure Master Satellite system
 - Troubleshooting Tips
- Prerequisites:** Basic computer skills

Course Content:

Module 1: Allegiant Overview - Features and Benefits

- Introduction
- Features
- Advanced Features
- Memory Map
- Sequence
 - Normal Switching
 - Salvo Switching
- Screen Displays
 - System Status -Default Display
 - Alarm Information
 - Sequence Information
 - Monitor Title
- Alarm
 - Introduction
 - Alarm Interface Unit
 - Third Party Alarm
 - Camera Call Up
 - Basic Response Mode
 - Auto Build Response Mode
 - Sequence and Display
 - Alarm Acknowledgement

Module 2: Different Models Overview

- Introduction
- Overview - LTC 8100
- Front and Back Panel - LTC 8100
- Overview - LTC 8200
- Front and Back Panel - LTC 8200
- Overview - LTC 8300
- Front and Back Panel - LTC 8300
- Overview - LTC 8500
- Front and Back Panel - LTC 8500
- Overview - LTC 8600
- Front and Back Panel - LTC 8600
- Overview - LTC 8800
- Front and Back Panel - LTC 8800
- Overview - LTC 8900
- Front and Back Panel - LTC 8900

Module 3: Allegiant System Accessories

- Signal Distribution Unit
 - Panel Overview
 - Functional Layout
- Code Merger Unit
 - Panel Overview
 - Functional Layout
- Data Converter Unit
 - Panel Overview
 - Functional Layout
- Alarm Interface Unit
 - Panel Overview
 - Functional Layout
- Port Expanders
- Other Accessories
- Keyboards
 - Keyboard Hookup Options
 - Basic Keyboard Operations
 - Common User Functions
 - Sequence Programming (Intuikey Keyboard)

Module 4: Software

- Introduction
- Command Console Language
 - Minimum Requirements
 - Typical Application
- Master Control Software - LTC 8059/00
 - Minimum Requirements
 - Communication Set Up
 - Upload and Download Functions
 - Camera Table
 - Monitor Table
 - Alarm
 - User
 - Sequence
 - Lockout
 - Time Event
 - Keyboard
 - Parameter
 - Command Script
 - Bilinx Action

- Graphical User Interface LTC 8850/00
 - Minimum Requirements
 - Example

Module 5: Application

- Allegiant Satellite System Overview
 - Application Description
 - Satellite Connections – Data
 - Satellite Connections – Video
 - Programming
- Virtual Allegiant Satellite Application (VASA)
 - Overview
 - Minimum Requirements
 - Connections

Module 6: Practical Exam

- Practical Exam

Final Exam: Passing grade is 75% or higher

Practical Content: At least 70% hands-on