



MC-IP-Series Technical Training Test Part 2 – Parts & Pieces

Your Name: First: _____ Last: _____

Contact Information: Email: _____

Company/Employer: _____ Phone: _____

1. Why is MC-IP the best solution for Integrated Public Safety Systems?
 - a. Reliable Performance
 - b. Easy Integration to Control Systems
 - c. Quality Audio
 - d. All of the above
2. Why is MC-IP the best solution for Healthcare applications?
 - a. Multiple Operators
 - b. Hands Free Talk Back
 - c. Highly Articulate Audio
 - d. All of the above
3. What are the basic functional components of the MC-IP-ODC?
 - a. Microphone and Preamplifier, Speaker and Amplifier, and Logic Control Interface
 - b. A/D, D/A, CPU, and LAN Interface
 - c. Touch Screen Control and Interface
 - d. a. and b. above only
4. What are the basic functional components of the MC-IP-116?
 - a. Remote Station Light Control
 - b. Microphone Preamplifier, 25Volt Amplifier, and Logic Control Interface
 - c. A/D, D/A, CPU, and LAN Interface
 - d. b. and c. above
5. What is the basic function of the MC-IP-HOST?
 - a. Interconnecting 32 separate networks
 - b. Bi-Directional Streaming Audio Connections
 - c. Setting IP Addresses
 - d. Automatic Level Control
6. What are the basic components required for an MC-IP Series Intercom System?
 - a. MC-IP-ODC Operator Desk Console
 - b. MC-IP-116 Remote Station Interface
 - c. MC-IP-HOST System Controller
 - d. MC-IP-SW-16 Unmanaged Network Switch
 - e. All of the above



MC-IP-Series Technical Training Test Part 2 – Parts & Pieces

7. Should other components like cameras and control reside on the MC-IP Network?
 - a. Yes
 - b. No
8. Can the integrator change the IP Address of the basic MC-IP System Components?
 - a. Yes
 - b. No
9. How is the IP Address of the basic MC-IP component set?
 - a. Monitor and Key board
 - b. Jumpers
 - c. Rotary Switch
 - d. DHCP
10. How many systems does the MC-IP-SERVER allow to be connected together?
 - a. 8
 - b. 16
 - c. 32
 - d. 64
11. How many models of the MC-IP-ODC does Tech Works make?
 - a. One
 - b. Two
 - c. Three
 - d. Four
12. The MC-IP-ODC-TS can handle how many remote stations?
 - a. 64
 - b. 128
 - c. 256
 - d. 512
13. In an expanded integrated MC-IP System, how many Operators can a system have?
 - a. 32
 - b. 256
 - c. 512
 - d. 1024



MC-IP-Series Technical Training Test Part 2 – Parts & Pieces

14. What does Remote Reach Up and Down do?
 - a. Stores the station settings
 - b. Increases and decreases the remote station sensitivity
 - c. Turns the remote lights up and down
 - d. Turns the remote speaker output level up and down
15. The MC-IP-ODC-TS Operator Desk Console includes?
 - a. 10 inch Touch Screen
 - b. Lighted Control Buttons
 - c. Water Resistant Speaker
 - d. All of the above
16. What Touch Screen labels on the MC-IP-ODC-TS can be changed?
 - a. Console name at the top
 - b. Station Button labels
 - c. Operator, Page, and Station buttons at the bottom of the screen
 - d. a. and b. above only
17. What applications are MC-IP-ODC-TS best suited for?
 - a. Stand alone intercom systems
 - b. Integrated control systems
 - c. Infirmary Nurse Call systems
 - d. a. and c. above
18. The MC-IP-ODC-POE is designed for ?
 - a. Stand alone intercom systems
 - b. Integrated control system with intercom
 - c. All of the above
 - d. None of the above
19. MC-IP-ODC-POE can be powered from?
 - a. Power Over Ethernet
 - b. Local 24 VDC power supply
 - c. Either one of the above
 - d. Both of the above at the same time



MC-IP-Series Technical Training Test Part 2 – Parts & Pieces

20. How many station Ports does each MC-IP-116 have?
- 8
 - 16
 - 32
 - 64
21. How many intercom audio channels does each MC-IP-116 have?
- One
 - Two
 - Three
 - Four
22. What are the 2 major differences between the MC-IP-116 and MC-IP-116-NC2?
- 4 Pin wiring connectors for standard twisted pair speaker wire vs. RJ45 CAT cable
 - Programmable call in tones vs. only 1 call in tone
 - 1 Call In and no remote lights vs. 2 call points with 2 light outputs per port
 - 1 voice path per port vs. 2 voice channels per port
 - a. and c. above
 - b. and d. above
23. What type of speakers does MC-IP-116 support?
- 70 Volt
 - 25 Volt
 - 45 Ohm
 - 8 Ohm
24. Each station port can be individually programmed for?
- Remote Cancel
 - Local Cancel
 - Unique ringing
 - All of the above
25. MC-IP-116-NC2 has 2 call in points that can?
- Call in with different tones
 - Flash at different rates
 - Light done lights
 - All of the above



MC-IP-Series Technical Training Test Part 2 – Parts & Pieces

26. What is the difference between the VPSS and the VPSS-L?
 - a. There is no difference, they are the same
 - b. The L stands for Lighted call button
 - c. The VPSS is smaller
 - d. The VPSS-L has a 25 Volt speaker
27. What makes the MC-NC2-VPSS different from the VPSS-L ?
 - a. RJ45 connectors in and out
 - b. CAT cable compatible
 - c. Mylar speaker
 - d. Separate Local Cancel button option
 - e. Key switch Remote Cancel compatible
 - f. All of the above
28. What are the MC-VPBL and MC-VPBL-RC used for
 - a. Staff assist emergency call
 - b. Remote reset of the speaker station
 - c. Turn on the room lights
 - d. Turn on the nearest camera
29. What are the VPKS-1 and VPKS-2 used for?
 - a. Activation of room Staff Assist stations
 - b. Remote Cancel of room bed stations
 - c. All of the above
 - d. None of the above
30. How many Dome light color options dose Tech Works offer for MC-NC2?
 - a. One and Two
 - b. Three and Four
 - c. Two and Four
 - d. All of the above
31. What is the MC-IP-MSI-11 used for?
 - a. When special acoustic adjustments are required
 - b. When articulate listening is required
 - c. When Collaborative Intercom is required with MC-IP
 - d. When multiple Operators are needed with Collaborative Intercom
 - e. All of the above



MC-IP-Series Technical Training Test Part 2 – Parts & Pieces

32. MC-IP-MSI-11 Microphone Speaker Interface has?
- Bi-Directional / Hands Free Audio to a single space
 - Professional Balanced Microphone Input with Phantom Power
 - 25 Volt Speaker Output at 10 Watts
 - CI-BUSS Interface
 - Built in filters tune the MSI to the room for best acoustic interface
 - Jumper Options determine how these Modules interact and function with each other
 - Remote Output can turn on a light to tell staff when they are being listened to
 - All of the above
33. What microphone should be used in a high noise environment?
- HM-1 Hidden Microphone
 - Omni-Directional Microphone
 - Pro-SGM Shotgun Microphone
 - CRS-RC Clean Room Speaker used for talk back
34. What does an MC-IP-HOST do?
- Assigns IP addresses for MC-IP devices connected to the HOST network
 - Processes call requests
 - Stores all system Configurations
 - b. and c. above
35. What does an MC-IP-SERVER do?
- Acts as a router between the MC-IP HOST network and your LAN/WAN
 - Uses a static IP address that you cannot change
 - Connect upto 32 Tech Works MC-IP networks together
 - a. and c. above
36. How many MC-IP-116 can a single PS-2437B power supply power?
- 1
 - 2
 - 3
 - 4
37. The MC-IP-SW-16 is?
- 16 port unmanaged Gigabit Ethernet switch
 - Is Rack Mountable
 - Is available with 8 POE ports and 8 un-powered ports
 - All of the above