



Model 94A-07

An Introduction and Training Module

Vitalinq Introduction



- ❖ Vis-A-Vis (pronounced “vee-sah-vee”) established in 1986
- ❖ Intercom and music system designed for cath lab environment
- ❖ In production since 1986
- ❖ Most units remain in service
- ❖ Current model is 94A-07
- ❖ In addition to Cath Labs, successfully used in:
 - ✓ Electrophysiology labs
 - ✓ Interventional Radiology Lab
 - ✓ Hybrid Operating Rooms

Communication - Physician

- ❖ Provides continuous two-way communication (no voice switching) between physician in procedure room and control room operator
- ❖ Allows control room operator to respond immediately to physician's requests
- ❖ The Physician:
 - ✓ Wears no device
 - ✓ Speaks in normal tone
 - ✓ Voice picked up by microphone mounted to monitor
 - ✓ Hears control room technician through speaker mounted overhead in ceiling

Communication - Operator



- ❖ Control room Operator can speak using a headset or desk microphone
- ❖ When using headset, a foot switch must be depressed before speaking
- ❖ When using desk mic, operator hears through speaker mounted overhead in ceiling
- ❖ Communication speaker in control room can be turned off if desired
- ❖ All adjustments made at console in control room

Music



- ❖ Stereo integrated into console
- ❖ Provides music playback in either or both rooms
- ❖ Music can be from a variety of sources:
 - ✓ Any device that can connect to USB or Aux-in (iPhone, iPod, iPad, Android, USB flash drive)
 - ✓ Compact disc
 - ✓ Radio (subject to strength/environmental shielding)
- ❖ Independent volume adjustment for each room using fade

Included in the 94A-07 system



- ❖ Vitaling Console with integrated stereo
- ❖ 2 Communication Speakers (1 for each room)
- ❖ 4 stereo speakers (2 for each room)
- ❖ Desk microphone
- ❖ Headset with mute switch
- ❖ Monitor Microphone (for procedure room)
- ❖ Ethernet cables in various lengths, pre-terminated, color coded
- ❖ Monitor Mic adaptor box, splitters, and couplers
- ❖ Speaker bridge plates
- ❖ Installation and Operations Manual

Optional Equipment

MC-07 Remote Console

- ❖ Allows additional headset and/or desk mic connection
- ❖ Connects to 94A-07 console using Ethernet cable
- ❖ Can be placed across control room or in separate room

Wireless Headset

- ❖ Can be used to replace corded headset or
- ❖ Two can be connected in addition to corded headset allowing:
 - ✓ Two-way communication between each other
 - ✓ Two-way communication to corded headset
 - ✓ Will not communicate with procedure room

Call for details on optional equipment.

The Console

*Dimensions
8.5"x4.5"x8.5"*



Installation

- ❖ 6 speakers total – 2 stereo and 1 communication for each room
- ❖ Each speaker has two Ethernet connectors allowing them to be “daisy-chained” together using Ethernet cables
- ❖ Each speaker is labeled and pre-configured for its location
- ❖ Speakers secure through 6-9/16” hole in ceiling using integral dogs which swing into place



Installation

- ❖ Only 2 to 3 cables need to be routed from console
 - Blue Ethernet cable to control room speakers plugs into “TEK BLUE” jack on rear of console
 - White Ethernet cable to procedure room speakers plugs into “LAB White” jack on rear of console
 - Procedure room mic cable either
 - ✓ daisy chains to procedure room speaker
 - ✓ or is connected directly to console with coaxial or Ethernet cable
- ❖ Console placed on desk in control room
- ❖ Plugs into any 110VAC/60Hz outlet
- ❖ Headset plugs into one of two headset jacks on front of console
- ❖ Desk mic plugs into other aux jack on rear of console

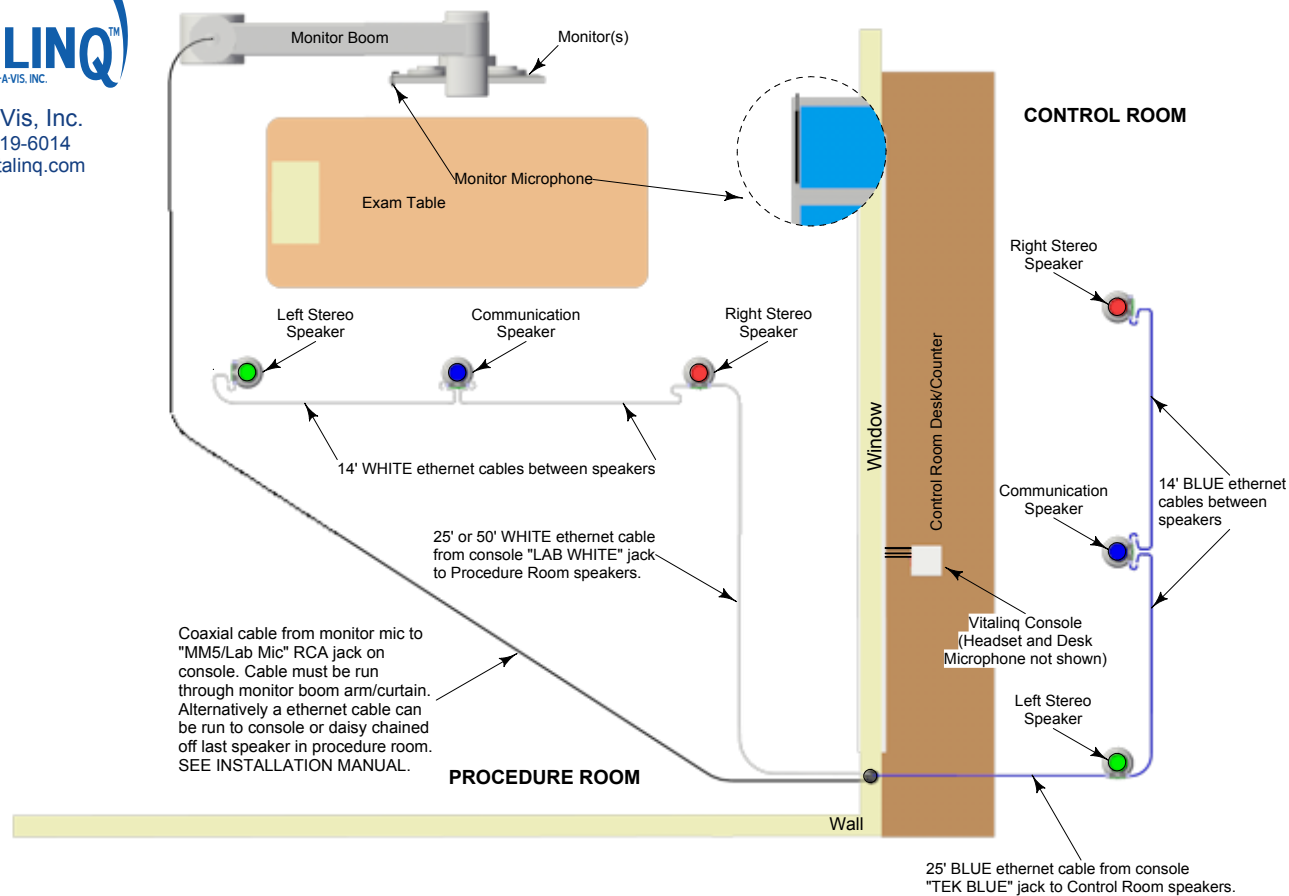


Typical Layout for Cath Lab





Vis-A-Vis, Inc.
800-319-6014
www.vitalinq.com

VITALINQ 94A-07 COMMUNICATION SYSTEM TYPICAL DEVICE INSTALLATION



Design and Quality

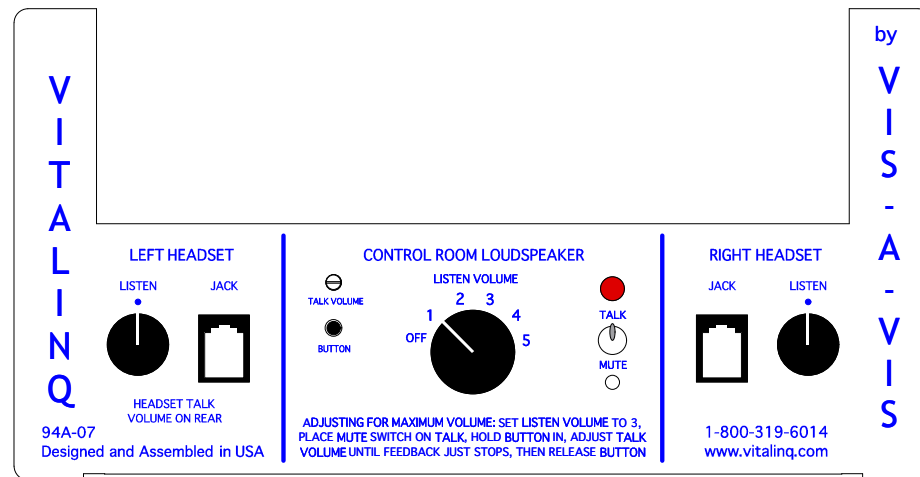
- ❖ Designed and assembled in USA
- ❖ All units fully tested after assembly
- ❖ cETLus Listing The logo for cETLus Listing, featuring a circular emblem with 'ETL' inside, 'c' on the left, and 'US' on the right, with 'Intertek' written below.
- ❖ CE Mark The CE Mark logo, consisting of the letters 'C' and 'E' in a stylized, bold font.
- ❖ Complies with applicable parts of:
 - ✓ UL60065
 - ✓ CSA C22.2#60065
 - ✓ Low Voltage Directive of the European Union - CENELEC EN 60065
 - ✓ CB Scheme Report and Certificate - IEC 60065
 - ✓ FCC Verification for the United States - FCC 47CFR 15B c1B
 - ✓ Industry Canada (IC) Verification - ICES 003
 - ✓ EMC Directive for the European Union - CENELEC EN 55022, CENELEC EN 55024, IEC 61000-3-2, IEC 61000-3-3

Ordering and Customer Support

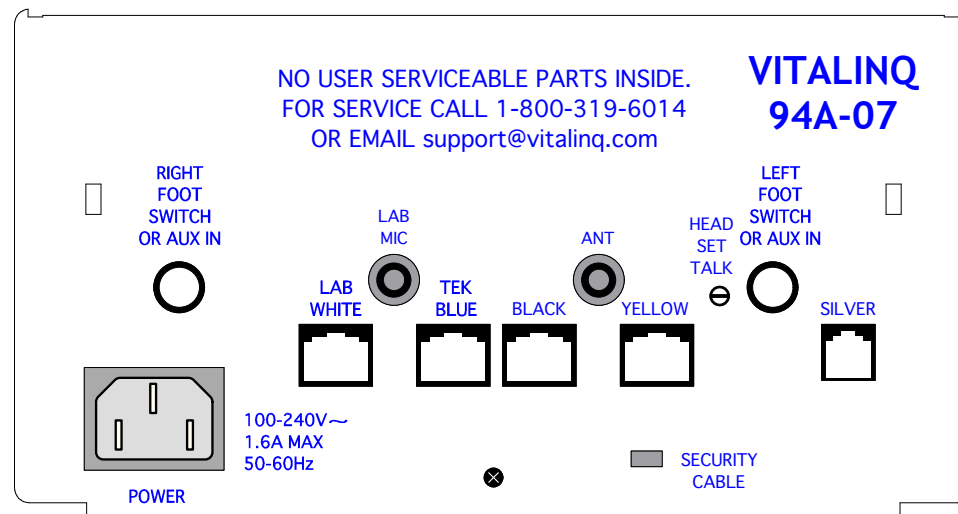


- ❖ Generally ships within 48 hours of order acknowledgment
- ❖ Telephone support at 800-319-6014
- ❖ Web site www.vitalinq.com
- ❖ Our objective is to have a satisfied customer
- ❖ No hassle – if something breaks, we replace it...quite often well beyond the warranty period

Console Controls and Jacks



Front



Rear

Important Considerations



- ❖ For optimal performance, monitor microphone must be attached to bezel of monitor across from physician with its long axis oriented vertically.
- ❖ Monitor microphone will require a cable to be run through the monitor boom. A coaxial cable is provided although this can be an ethernet cable or any 2 wire cable with a BNC or RCA connector.
- ❖ If privacy is a concern, the headset should be used in control room and the overhead speaker turned off.

Terminology

- ❖ **Desk Mic:** Gooseneck microphone for control room.
- ❖ **Monitor Mic:** Array of microphones in a 13" long by 1/2" cross section tube. Mounts using high strength Velcro to bezel of monitor in control room.
- ❖ **Foot Switch:** Sustain peddle used with headset. Allows transmission of speech when depressed.
- ❖ **Communication Speaker:** Speaker in either control room or procedure room that transmits speech.
- ❖ **Aux-In:** 3.5mm jack on stereo that can be used for connecting music playback devices.
- ❖ **USB Input:** USB jack on stereo that allows connection of music storage devices.