Clear com wiring diagram

Search service manual. A ohm RF Dummy load and in-line wattmeter must be connected to the main antenna jack in all procedures that call for transmission, except where specified otherwise. Correct alignment is not possible with an antenna. After completing one step, read the following step to determine whether the same test equipment will be required. If not, remove the test equipment except dummy load and wattmeter, if connected before proceeding. When the transceiver is brought into the shop from hot or cold air, it should be allowed time to come to room temperature before alignment. Whenever possible, alignments should be made with oscillator shields and circuit boards firmly affixed in place. Also, the test equipment must be thoroughly warmed up before beginning. Under no circumstances should any alignment be attempted unless the normal function and operation of the transceiver are clearly understood, the cause of the malfunction has been clearly pinpointed and any faulty components replaced, and the need for realignment determined to be absolutely necessary. The following test equipment and thorough familiarity with its correct use is necessary for complete realignment. Most steps do not require all of the equipment listed, but the interactions of some adjustments may require that more complex adjustments be performed in a sequence. Do not attempt to perform only a single step unless it is clearly isolated electrically from all other steps. Rather, have all test equipment ready before beginning, and follow all of the steps in a section in the order they are presented. Service Handbuch Schaltungen Reparaturanleitung Bedienungsanleitungen kostenlos pdf download. 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You still need to fix the problem that led you here in the first place right? There are many different ways to look at fixing an electrical problem but we will stick with the easiest way. First , find the problem area on the wiring diagram. Highlight the individual circuit using a different color for positive and negative. Trace the wiring till you can see where a short may have taken place. Eliminate each portion of the diagram in sections until you find the short in the wiring. This makes knowing where to check connections easy with an automotive wiring diagram. Free Auto Repair Manuals. Free vehicle specific wiring diagrams available upon request. Please search first. Wiring Diagrams This is not an automated service. Please be specific on what area of the vehicle you need a free wiring diagram for. Some of the images are in ". This will insure the ability to read the free wiring diagrams with ease. Adobe Acrobat Reader is available as a free download at Adobe. To Submit a request for basic free wiring diagrams Here. This is the same information that the dealers use. How to read wiring diagrams Use the two different diagrams below to help you understand what you are looking at. There are many different symbols on wiring diagrams and can be difficult to figure out what they each represent if you have not seen them before. The sample wiring diagram to your above will help you be able to read and understand the description locations on each wiring diagram. Each part is labeled on the sample wiring diagram to make it easier to read. How to read and interpret wiring diagrams:. Clear Com Headset Wiring Diagram â€" wiring diagram is a simplified up to standard pictorial representation of an electrical circuit. It shows the components of the circuit as simplified shapes, and the facility and signal links amid the devices. A wiring diagram usually gives counsel approximately the relative point of view and concord of devices and terminals upon the devices, to back up in building or servicing the device. A pictorial diagram would play more detail of the monster appearance, whereas a wiring diagram uses a more figurative notation to stress interconnections over bodily appearance. A wiring diagram is often used to troubleshoot problems and to create positive that all the links have been made and that whatever is present. Architectural wiring diagrams put-on the approximate locations and interconnections of receptacles, lighting, and permanent electrical facilities in a building. Interconnecting wire routes may be shown approximately, where particular receptacles or fixtures must be upon a common circuit. Wiring diagrams use adequate symbols for wiring devices, usually exchange from those used upon schematic diagrams. The electrical symbols not only feat where something is to be installed, but then what type of device is subconscious installed. For example, a surface ceiling roomy is shown by one symbol, a recessed ceiling spacious has a alternative symbol, and a surface fluorescent lively has choice symbol. Each type of switch has a swing fable and fittingly realize the various

outlets. There are symbols that be active the location of smoke detectors, the doorbell chime, and thermostat. A set of wiring diagrams may be required by the electrical inspection authority to agree to association of the house to the public electrical supply system. Wiring diagrams will as a consequence tote up panel schedules for circuit breaker panelboards, and riser diagrams for special services such as flame alarm or closed circuit television or further special services. Necessary cookies are absolutely essential for the website to function properly. This category only includes cookies that ensures basic functionalities and security features of the website. These cookies do not store any personal information. Any cookies that may not be particularly necessary for the website to function and is used specifically to collect user personal data via analytics, ads, other embedded contents are termed as non-necessary cookies. 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Page 5: Important Safety Instructions Please read and follow these manual. Do not place naked flame sources such as candles on or near a CCI Do not open the product's case. This symbol informs you that important operating and main- tenance instructions are included in the literature accompanying this product. Page 7: Operation However, the nature of 2-wire to 4-wire hybrid conversions may limit the maximum number of external 2-wire party-lines that can be combined. Call signals to any one of the CCI channels will reach destinations in the other CCI channels in addition to the destination ports within the matrix. Page 8 The side-tone nulling procedure for each channel of the CCI is described here. The CCI includes built-in nulling circuitry, including a test tone generator and an accessory earphone. When the earphone is plugged in, it automatically switches on a test tone, and monitors the output of the null circuit. Page 9 5. If the "R" control is turned fully counter-clockwise, the line has either more than one termination, or an excessive resistive load. If the "R" control is fully clockwise, then the line has no termination. The "L" control compensates for the low-frequency inductive and capacitive elements of the external party-line. Page Installation 2. Remove the blank plate covering the slot. Set any Party-Line Termination Jumpers as necessary. Slide the CCI in the slot and ensure that the card is fully seated. Figure 2 shows the pinout of either one of these connectors. The wiring diagram in Figure 5 shows the same connections as Figure 4, except that each DB-9M connector is wired separately. Page 14 If using such a supply: 1. Disable the terminations by using the switch. Page Adjustments 30 dB over the frequency range of Hz to 8 kHz. To null one channel of the CCI 1. Connect the external party-line devices to the CCI channel. Make sure that any connected devices do not have their microphones on. To view diagrams please refer to the end of this chapter. Email: support clearcom. The VGC warranty does not cover any defect. For returns from the Americas and Asia Print page 1 Print document 34 pages. Cancel Delete. Sign In OR. Don't have an account? Sign up! Restore password. Upload from disk. Upload from URL. Producing a broadcast from a stadium or arena is a large undertaking. Connecting staff from all endpoints in the stadium is critical to delivering a seamless sports production. For example, the Control room easily can direct stationary field cameras and field talent to a specific area for sideline interview â€“ all while video board operators manage game stats and the video feeds. V-Series Panels connect the truck, control room and video board directly to the Median. Technical Advances in Sports Broadcast have brought about the ability to review Umpire or Referee infraction and scoring calls in a game or match. Secure real-time communication between officials in separate cities or countries can be made with Clear-Com Intercom over IP products. A matrix frame connects the respective panels through an IP device to a second IP device at the respective arena. Officials on Partyline systems then discuss calls with HQ, in real-time, until the correct call is determined. Application Notes Clear-Com LQ devices are used to connect V-series Panels, via Eclipse Matrix, to digital or analog partyline main stations, beltpacks and speaker stations at the local arena. At sports stadiums all over the world, there is an expectation that the entertainment in the building is equal to the game itself. The carefully coordinated fan experience can start with an aircraft flyover and continue with giant video screen games and crowd shots â€“ all interlaced with the action on the field. For example, Control easily can direct mobile field cameras and field talent to a specific section for fan promotion â€“ all while video board operators manage game stats and video feed of the section

promotion. Over a 4-wire connection, additional mobile staff can move with wireless BP beltpacks connected to DX base station. Application Notes The Encore MS main station uses two-wire to carry comms to one and two-channel RS beltpacks at positions throughout the stadium. A 2-wire connection to the BS gives mobile field cameras and staff wireless beltpack capability. Many college campuses may have a Control room at a stadium, but will utilize Fly-Packs to remote to other fields or arenas and cover additional sports. The Fly-Pack uses a fiber run to tie back to the main Control room for broadcast functionality. How it works A game at the main stadium has a Matrix as a hub for staff on Panels, and connects Cameras with digital partyline beltpacks. Announcers use an analog console with intercom, IFB and Mute. The Fly-Pack uses the same equipment, but leverages the production staff in the Control room. A wireless system is deployed as necessary. In both scenarios, AB Announcer box is used for sideline commentary. Design , Technology. Game Day with Digital Partyline and Wireless At sports stadiums all over the world, there is an expectation that the entertainment in the building is equal to the game itself. Game Day with Partyline and Wireless At sports stadiums all over the world, there is an expectation that the entertainment in the building is equal to the game itself. Back to list. Older Panasonic Trade in Program to usher in My account. WhatsApp us. Menu Categories. Shopping cart close. We use cookies to improve your experience on our website. By browsing this website, you agree to our use of cookies. More info Accept. Partyline: Is there a recommended cable list for wiring partyline products? The Clear-Com intercom line is intended to run on one shielded cable pair per intercom channel, The shield serves as the ground return for the audio and power conductors. When choosing interconnect cable, keep the following considerations in mind:. Keep cable runs under feet m. The DC resistance of the ground or common conductor affects crosstalk. For perma

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 nent installation runs longer than feet m , do not use wire smaller than 20 gauge. The capacitance of the interconnect cable affects system frequency response and sidetone stability. Total capacitance should not be greater than 0. Pin 1 should not be connected to the shell of the XLR connector. Multi-pair Cable: Individually shielded multi-pair cable is acceptable for use in multi-channel systems. For crosstalk considerations, the shields must be tied together on both ends of the cable to produce the lowest possible DC resistance path for the ground return. Portable Installation Cable: Practical cable for portable system interconnections is flexible, two-conductor, shielded microphone cable. Permanent Installation Cable: Vinyl-jacketed shielded pair is the cable of choice for permanent installations. Placing the cable in conduit is recommended but not necessary. Application Diagram. Case Studies. Tech Blog. Technical Guides. White Papers. Intercom Vocabulary. WordPress Lightbox Plugin.