

3m intracom d 20 manual



File Name: 3m intracom d 20 manual.pdf

Size: 4928 KB

Type: PDF, ePub, eBook

Category: Book

Uploaded: 16 May 2019, 14:54 PM

Rating: 4.6/5 from 811 votes.

Status: AVAILABLE

Last checked: 3 Minutes ago!

In order to read or download 3m intracom d 20 manual ebook, you need to create a FREE account.

[**Download Now!**](#)

eBook includes PDF, ePub and Kindle version

[Register a free 1 month Trial Account.](#)

[Download as many books as you like \(Personal use\)](#)

[Cancel the membership at any time if not satisfied.](#)

[Join Over 80000 Happy Readers](#)

Book Descriptions:

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with 3m intracom d 20 manual . To get started finding 3m intracom d 20 manual , you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented.



Book Descriptions:

3m intracom d 20 manual

Click on the link to view a document, or if you wish to save the document to your computer, RightClick on the link and select "Save Target As." or "Download Linked File.". We will continue to add documents to this page to help you better. If there is something you would like to see added to our collection, please contact us. Click on the pictures below to go to the section you need. Options include an internal audio greeter, drive thru timer and a range extender. It has multiple operating modes, and the system does not require an FCC license. The very light headset operates without a beltpack order taker. This system uses the same batteries and chargers as the C1060. There are many, many of these systems operating in excellent condition all over the nation. Like the XT1, the very light headset operates without a beltpack order taker. This system uses the same batteries and chargers as the XT1. You must also reprogram if you have changed channels. Interference can cause other problems such as limited range. ESS still services C960 systems with 3M OEM parts. The C960 shares many components with the C860 and C1025 such as the battery charger, batteries and programming cable. ESS still services the C860 with 3M OEM parts, but some parts have been discontinued, so there is limited availability. It is an industry favorite because of its incredible durability and simplicity of use. The D30 intracom with or without the R30 remote station has been discontinued for over 12 years now, but we continue to service them because so many are still running in QSRs all over. The D20 6channel intercom is still in production, and it is a very reliable communications system used in Cstores that only require 6 stations or less. The D120 12channel intercom has been discontinued for several years since it has been superceded by the Performance Series, but we still service the units. The D20v and D120v are versions of the intercoms that have built in gooseneck microphones.<http://www.haiyang.co.kr/uploaded/crtu-w-manual.xml>

- **3m intercom d 20 manual, 3m intracom d 20 manual, 3m intracom d 20 manual pdf, 3m intracom d 20 manual download, 3m intracom d 20 manual instructions, 3m intracom d 20 manual free.**

The system allows the operator to answer incoming calls in order of receipt. It is also possible to assign one station priority over all others. Multiple selectors can be used with the system to allow the calls to be answered from more than one location within the facility. It consists of a compact controller that rests on the counter and a controller that resides under the counter or in an equipment room. It can interface with 3M wireless headset systems, and when you use it with multiple selectors, operators can communicate with two different customers simultaneously. There are two different types of selectors. The newer version is the same type as the Performance Series. It is very simple to use, but if you need help, we have multiple documents to assist you. We recommend that you print the "wall placard" if you do not already have a copy. If there is something you would like to see added to our collection, please contact us. Scroll down through the pictures below to get the information you need. The first headset on the market featuring in store reparability and Smart technology. Combined with it's lightweight and comfortable design, industry known sound clarity, and the Basestation Package makes this Drive thru system, Clearly the Sound Decision. Options include an internal audio greeter, drive thru timer and a range extender. This system uses the same batteries and chargers as the C1060. View our video tutorial. View our video tutorial. There are many, many of these systems operating in excellent condition all over the nation. This system uses the same batteries and chargers as the XT1. View our video tutorial. You must also reprogram if you have changed channels. Interference can cause other problems such as limited range. ESS still services C960 systems with 3M OEM parts. The C960 shares many components with

the C860 and C1025 such as the battery charger, batteries and programming cable. You must also reprogram if you have changed your channels. <http://www.eagleeyebird.com.au/files/cru-dataport-manual.xml>

ESS still services the C860 with 3M OEM parts, but some parts have been discontinued, so there is limited availability. You must also reprogram if you have changed your channels. You must also reprogram if you have changed your channels. The D15 model DA is still in production and has been since the early 80s. It is an industry favorite because of its incredible durability and simplicity of use. It can interface with RDM wireless headset systems, and when you use it with multiple selectors, operators can communicate with two different customers simultaneously. We recommend that you print the "wall placard" if you do not already have a copy. Nashville TN, 37203 615 3409033. We provide our customers with 100 percent defectfree repair services on the following Friendly and Reliable Customer Service. Click here for more. Problem Isolation Procedure Use the troubleshooting table on the following pages to help isolate the problem 1. Start at the top of the table and work down to the bottom. 2. For each symptom listed, determine if it applies to the situation. 3. If a symptom does apply, check the box adjacent to the symptom. 4. Read across the table to the possible causes and corrections listed in the middle and right columns. 5. Investigate these possible causes and implement the corrections. Possible causes are listed in the order in which they are most likely to occur. Problem Isolation Procedure Use the troubleshooting table on the following pages to help isolate the problem 1. Start at the top of the table and work down to the bottom. 2. Page 2 Technician Troubleshooting Guide Model 478 D15 Figure 1. Operating Controls Key 1 Control Name Power Switch Function Controls application of power to the system. Page 3 Model 478 D15 Technician Troubleshooting Guide Troubleshooting Table Problem No inbound audio. Power Indicator Light green is OFF. Inbound audio distorted. No outbound audio. Power Indicator Light green is OFF.

With car on loop, VEHICLE Indicator Light yellow is ON, but vehicle detection tone does not sound. Model 478 D15 Possible Cause Correction Defective menu speaker, menu mic, or wiring. Check and replace menu speaker, menu mic, or wiring. Defective analog board. Check and replace analog board. Page 5 Troubleshooting Guide Model 481 BA D20 6Channel Intercom System Introduction The Model 481 is a 6channel intercom system that is typically used to provide communication between store counters and pump islands in selfservice gas stations, convenience stores and truck stops. 3 Intracom D20 OFF ON ME VOLU SP206A Problem Isolation Procedure Use the troubleshooting table on the following pages to help isolate the problem 1. Start at the top of the table and work down to the bottom. 2. Page 6 Technician Troubleshooting Guide Model 481BA D20 8 6 9 7 3 Intracom D20 5 OFF ON ME VOLU 4 1 2 3 SP205A Figure 1. Operating Controls Key Control Name Function 1 Power Switch Provides power to mainstation. 2 Power Indicator Light Indicates power is on and the system is ready to operate. 3 Volume Control Adjusts INCOMING audio level. NOTE Volume level adjustments for alert tone and outside speakers are set by the installer. Page 7 Model 481BA D20 Technician Troubleshooting Guide Troubleshooting Table Problem Possible Cause Correction No inbound audio. No AC power to the unit. Check power supply transformer or wall outlet. No inbound audio Defective logic board or touch pad. Check and replace logic board or touch pad. Page 8 Technician Troubleshooting Guide Problem The VEHICLE Indicator Light yellow is OFF and the vehicle detection tone does not sound. Model 481BA D20 Possible Cause Correction Defective call switch. Check and replace call switch. Defective analog or logic board. Check and replace analog or logic board. Unit will not return to standby mode when STANDBY Switch is pressed. Defective logic board. Check and replace logic board. Unit will not come out of standby mode.

Page 9 Troubleshooting Guide Model 479 D30 2Channel Intercom System Introduction The Model 479 is a 2channel intercom system that is typically used to provide communication between store

counters and pump islands in selfservice gas stations, convenience stores and truck stops. Problem Isolation Procedure Use the troubleshooting table on the following pages to help isolate the problem

1. Start at the top of the table and work down to the bottom.
2. Page 10 Technician Troubleshooting Guide Model 479 D30 6 5 3 5 1 2 4 SP208A Figure 1. Operating Controls Key 1 Control Name Function Power Switch Controls application of power to the system. Operator touches switch to talk and releases switch to listen.

Page 11 Model 479 D30 Technician Troubleshooting Guide Troubleshooting Table Problem No inbound audio. Model 479 D30 Possible Cause Correction Defective menu speaker, menu mic, or wiring. Model C1060. Installation Instructions Typical Single Lane Installation. Battery Charger. Speaker and Microphone Assemblies. Standard Systems. Duplex Systems. Base Station. Programming Station. Connecting the Base Station Directly to Components. Connecting the Base Station to Components Using the Optional Interconnect Module. Connecting the Auxiliary Intercom Optional. Dual Lane System Installation. Cross Lane System Installation. Setting Audio Levels. Duplex Systems Only. Circuit Board Jumpers, Adjustment Controls, Indicators and Switches. Jumpers. Troubleshooting Audio Feedback. Technical Assistance. Figure 1. Typical Installation. Figure 3. Base Station Mounting Holes. Figure 4. Programming Station Mounting Holes. Figure 7. Connecting Components to the Interconnect Module. Figure 1. Typical Installation. Material Required not supplied Important Install the battery charger and begin charging the batteries before you install any other components. Install the battery charger in a clean, dry environment. An office location is best.

The battery charger may be placed on a flat surface such as a table, desk, etc., or it can be fastened to a wall using The three green lights on the battery charger will turn on. To charge a battery, plug it into the charger as shown in Figure 2. Observe the charging status indicator next to The indicator lights RED to indicate the battery is charging. The indicator lights GREEN to indicate the battery is fully charged. This repeating tone continues for two minutes. Standard Systems. Duplex Systems Base Station At least 3 feet from large metal objects such as refrigerators, ranges, coolers, etc., and other metal or Important. Do not mount base station under steel countertops, within 3 feet of Figure 3. Base Station Mounting Holes Keep the transformer cable at least 6 inches from the left half of the base station. This half contains sensitive An 18 inch cable is provided to connect between the base station and the programming station. Important. Allow enough room below the programming station to allow insertion of the Do not mount programming station too Figure 4. Programming Station Mounting Holes Important Module. Connect the base station to the interconnect module as shown in Figure 6. Note that the connections are made to Supplied with Duplex Mic. Figure 7. Connecting Components to the Interconnect Module The presence alert shown is wired to operate only when the Model C1060 is turned off. If a separate outside microphone is used, the auxiliary intercom must be configured for OUTSIDE MIC. Refer to the Auxiliary Intercom Installation Instructions for information about moving any internal jumpers. Dual Lane System Installation. A dual lane system consists of two separate single lane systems that operate independently of each other. Each To install a dual lane system Important. Base station models C921 and earlier must be mounted at least 25 feet apart. Base station models C922 may be mounted as close as 2 feet apart. This designates the base station as a lane 1 system. Important.

Do not set both base stations to the same lane number as this will cause Cross Lane System Installation. The Cross Lane system provides communication for facilities that have two menu signs. It consists of two base A Cross Lane Module is a fivepole switch that allows the Refer to the installation instructions Document. These instructions are also A Cross Lane Module can be useful if the manager wishes to operate each lane with a separate crew during This is accomplished by turning the Cross Lane switch OFF. By pressing the T1 Module is OFF, the operator will only hear the vehicle detector alert from the menu sign with which he or she During periods of lower activity, the Cross Lane Module is turned ON, allowing one headset ordertaker to A single alert indicates a vehicle is at menu sign 1 while a double alert indicates a Notes Both base stations must be set to the same

channel number and different lane numbers. Base station models C922Test the system prior to installation by placing the baseSet Jumpers and program the headsets. Insure that the talk L.E.D. onWiring the System. Figure 11. CrossLane Wiring Diagram. Programming the Headsets for CrossLane Operation. Follow the steps below to program the headsets for CrossLane operation, and disable the TalkLock function. It does not matter which base station is used to program the headsets. By pressing T1, the headset will alwaysTalkLock is a toggle function that must be checked first to see if it is enabled or disabled. If the Talk LEDTo disable TalkLock, turn the headset OFF, press and hold the L button while pressing ON for 5The Talk LED on the base station should notWith the headset OFF, press and hold T1 and T2 while pressing ON for 5 seconds. You will hear anVerify that the headsets are properly programmed for CrossLane operation.

Press T1 and verify that the Talk LED lights on the lane 1 base station and does not light on thePress T2 and verify that the Talk LED lights on the lane 2 base station and does not light on theTo remove the CrossLane function and return the headsets to the normal operating mode, first turn theYou will hear anOperation. CrossLane Module OFF. Vehicle detector alerts. The operator will only hear the vehicle detector alert from the menu sign with which he or she lastVehicles at menu sign 2 willAnswering customers. Pressing T1 will only allow communication with the lane 1 customer. Pressing T2 will only allowPaging function. Pressing T1 will only allow communication with other headsets, which recently pressed T1. Pressing. T2 will only allow communication with other headsets, which recently pressed T2. CrossLane Module ON. The operator will always hear both vehicle detector alerts. Vehicles at menu sign 1 will be heard as aVehicles at menu sign 2 will be heard as a double repeating alert. Answering customers. T2 will only allow communication with other headsets, which recently pressed T2.The ordertaker may object to hearing the vehicle alert from the other lane while taking an order; if so, weWith the AUDIO IN and AUDIO OUT wires disconnected, the T1 and T2 buttons control which menu signThey also control which headsets to PAGE to. Disconnecting the AUDIO IN and. AUDIO OUT wires presents some issues if a cook or cashier needs to monitor both lanes. If the cook or cashier is using a headset to monitor lane 1, and the ordertaker is taking an order fromAs an alternative, a monitor speaker from each base station may be installed in the kitchen. Caution. Monitor speakers are generally not recommended for duplex systems using C921AA base stations. TheC921BA and C922 base stationsWith the CrossLane module turned ON, two rapid single tones may be heard from the lane 1 base station.

To eliminate this problem, turn down the volume of the ALERT TONE LEVEL control, on one of the baseImportant. Whenever a jumper setting is changed, the RESET SWITCH on the base station circuit board must be pressedAlso, each of the headsets in the system must beRefer to the base station circuit board illustration Figure 14 and the applicable system configuration below.

SetFunction. Menu Sign with Speaker only OSM. Jumper Settings. Jumper pins 1 and 2 on jumpers J1 and J2.Menu Sign with Separate Speaker and. Microphone. Lane 1 SystemJumper pins 2 and 3 on jumpers J1 and J2. Air Switch Pulse Detector. Jumper pins 1 and 2 of jumper J4.Standard Operation. Menu Power Selection. Talk Monitor LevelJumper pins 2 and 3 of jumper J4. Jumper pins 2 and 3 of jumper J5. Jumper must cover the top 2 pins of jumper J6. Jumper left 2 pins of jumper J9. Jumper pins 1 and 2 of jumper J3. Function. Lane 2 System. Jumper pins 2 and 3 on base station 2, jumper J3. Menu Power SelectionJumper pins 2 and 3 of jumper J4. Talk Monitor Level. Jumper pins 1 and 2 on base station 1, jumper J3.Menu Sign with Separate Speaker and. Jumper pins 2 and 3 on jumpers J1 and J2. Lane 1 System. Jumper pins 1 and 2 of jumper J4.Duplex Operation. Jumper pins 1 and 2 of jumper J5. Jumper bottom 2 pins of jumper J6. Jumper left 2 pins of jumper J9.If customer desires, jumper right 2 pins ofJumper CRFT 2 pins when using a C1060Jumper right 2 pins for all configurationsSWT Threshold High. SWT Threshold NRML. Menu Sign with Separate Speaker and. Jumper pins 1 and 2 on base station 1,Lane 2 System. Jumper pins 2 and 3 on base station 2,Air Switch Pulse Detector. Jumper left 2 pins of jumper J9.If customer desires, jumper right 2 pins ofSelect a channel that neither receives or causes interference and then program the headsets to

that channel using Important. After making any changes to the base station jumper settings, you must press Important.

When two systems are used in a dual lane application, each base station must If you are installing this as a single lane system, 8 channels on the LANE 2 setting are also Figure 13. Base Station Circuit Board Repeat the channel selection procedure if interference occurs. After seven channel changes, the original channel If interference is still present and the system is a single lane system, try changing the. J3 lane designation jumper from lane 1 to lane 2. If this fails and none of the channels are interference free, Setting Audio Levels. To set the audio levels, refer to the related audio level procedure below and to the illustration of the base station All the audio level adjustment controls are located on the base station circuit board. The microphone at the menu sign must be located within four feet of the vehicle for duplex To set the audio levels Then turn the MENU MIC SENS level control down CCW until the feedback Verify that feedback If everything is all right, the audio will be too loud. Duplex and Standard Systems. For Duplex systems, the microphone at the menu sign must be located within four feet of the The following procedures apply to both duplex and standard systems. Alert Tone Level. The alert tone level is the volume of the alert tone heard in the headset. To set the alert tone level When the vehicle is detected, you will hear the vehicle Monitor Speaker Volume Levels. The monitor speaker volume levels are the levels for the various functions heard through the optional monitor Turn the controls clockwise to To set the monitor speaker volume levels Adjust the MON TALK Adjust the MON PAGE control so if any monitor functions are not desired by the customer, turn the related adjustment control fully Standard Systems Only. The following procedures apply only to standard systems. Listen Level Menu Sign Microphone Sensitivity. The listen level is the volume of the menu sign audio heard in the headset.

To set the listen level When the vehicle is detected, you will hear the vehicle The Listen Level should now be properly adjusted. To set the menu sign talk volume level Figure 14. Base Station Circuit Board. Jumpers. J1 and J2. Set for the type of menu sign in the system. Jumper pins 1 and 2 on both jumpers for menu Jumper pins 2 and 3 on both jumpers for menu signs having a Jumper pins 1 and 2 to select lane 1. Jumper pins 2 and 3 to select lane 2. Jumper pins 1 and 2 for an air switch Jumper pins 2 and 3 for standard This setting may cause feedback when a headset is operating near the monitor This jumper is used to change the dynamic gain It should normally be set to NRML. Occasionally, the inbound audio volume will decrease when C1060 headsets are used in Talk. Lock mode. Set jumper J10 to HIGH, in this case only. C1060 headsets are being used in Talk Lock mode. After changing any jumper settings, be sure to press the RESET SWITCH on Adjustment Controls Controls the audio level coming from the menu sign. If any of the monitor functions are not desired by the customer, turn the appropriate adjustment Indicators Lit LED indicates which channel is selected for base station operation. Lights when a vehicle is detected at the menu sign. CHANNEL SELECT Switch. Programming Jack. RESET Switch. Controls power to the base station. Selects volume for day or night operation. Press to turn noise Selects base station operating channel. For programming new channel selection or jumper settings into the Connectors. C5000 Terminal Strip Normal use and care of the system. Use and care of the headset. Battery replacement and recharging. Operation of the base station module switches and controls. Operation of optional Noise Reduction Module. Operation of Loop Detector. Refer to the Model C1060 Headset Intercom System Operating Instructions. Troubleshooting Audio Feedback. If audio feedback occurs, check the following and correct as necessary.

Is the microphone audio wiring separately contained in its own cable, with no other "active" wires in the Are the speaker and microphone at least 14 inches apart Is the outbound audio level too high Is speaker audio being reflected back to the microphone from nearby surfaces Technical Assistance Food Service Business Food Services Business St. Paul, MN 55144 1000. Printed in U.S.A. PDF Version 1.3. Linearized No. Create Date 20031029 1518010600. Modify Date 20031029

1518010600. Page Count 29. Creation Date 20031029 211801Z. Mod Date 20031029 211801Z.
Producer Acrobat Distiller 5.0.5 Windows. Author US038009. Metadata Date 20031029 211801Z.
Creator US038009. Title Microsoft Word C1060Ins.doc.