Plug Console Interface Cable in here

1.7 How to set the PTT button for locking or momentary operation

1.11 Plug the modular connector on the Console Interface Cable into the modular jack on the back of the Base. Plug the other end into your console.

1.12 Plug the AC adapter into a wall outlet, and plug the power connector into the back of the Base. The Base Power LED will turn on.

1.13 Slide the battery pack onto the Remote and snap it into place without forcing it. The CA12CD-S will take a few seconds to select the most reliable radio channel, and then it will start to blink its Audio Link LED at once per second, to indicate that it is ready to use.

1.14 For first-time use, press the Audio Link button to turn the audio link off, and place the Remote into its charging well to charge the attached battery pack.

1.15 Place the spare battery pack into its charging well.

1.16 The Charge LEDs will flash until the battery packs are fully charged, at which time the LEDs will stop flashing and remain on. It is okay to use the Remote after only one hour of charging time if desired.

1.17 Press the PTT button on the Remote to key up your communications radio. The Talk LED on the Base will turn on whenever the PTT button is pressed.

REMOTE UNIT

2.1 Careful setting of the audio levels, both in your communications console and in the CA12CD-S, is essential for getting good audio quality and avoiding echo. Please see the separate sheet Audio Settings Guide for the CA12CD-S for detailed advice.

2.2 Operating other radio devices, such as DECT cordless handsets, in the same frequency band as the CA12CD-S will reduce the number of units that can be operated at one time, along with reducing their maximum range. In North America, the CA12CD-S operates in the UPCS frequency band (1.92 to 1.93 GHz). In other regions (e.g., the European Union), the CA12CD-S operates in the GCT frequency band (1.98 to 193 GHz).

2.3 User density and range can vary widely due to such variables as building layout and whether other devices are operating in the same frequency band as the CA12CD-S.

2.4 Keep cell phones at least 3 feet from both the Base and Remote when the Remote is not near the Base. When the Base and Remote are near each other, cell phones can be closer than 3 feet, but should never be placed right next to the Base or Remote.

2.5 Remove the battery pack and power cord from any unused units to allow more radio spectrum for active units. This is especially important where large numbers of them are in use.

3.1 A fully charged battery pack will last for about 8 hours; however, we recommend swapping the Remote’s battery pack with a freshly charged battery pack from the Spare Charger about every 4 hours. Doing so will help ensure that mission-critical communications are not interrupted by low batteries. Following this recommendation will also maximize the battery’s service life.

3.2 Between battery swaps, we recommend placing the Remote in its charging well whenever possible, and, if it is not being used, turning the audio link off by pressing the Audio Link button.

3.3 If the Remote is left in the charging well with the link up, a new charging cycle will typically begin about 3 hours after the first charging cycle. Using the Remote at this time without installing a freshly charged battery pack could result in reduced talk time.

3.4 A completely depleted battery pack requires about 4 hours to fully charge.

3.5 The Remote will continue to draw a small amount of power from the battery even after being turned off. If you need to store the Remote, remove the battery pack so that it does not become completely discharged while in storage.

3.6 Warning: Touching the battery-charging contacts or placing objects other than the battery packs and Remote in the charging wells may adversely affect the operation of the CA12CD-S.

Note 3.1: Rechargeable batteries of all types gradually age and lose their ability to give and receive charge. Over time, this will result in gradually decreasing talk times. In a typical 24/7 operation, where the batteries are regularly being charged and discharged, we recommend that you monitor their performance and replace them as needed.

BASE UNIT

The Base and the Remote are paired with each other at the factory in a process called subscription. If you replace either one, you can subscribe them as follows:

4.1 Press and hold the Subscription button on the back of the Base. Alternatively, you can hold both of the Talk Volume buttons on the top of the Base down. a. The Base Power LED will begin blinking.

4.2 Hold the Remote’s Listen Volume Control in either the up or down position. a. The Remote’s Audio Link LED will turn on steadily (no flashing). The Remote will subscribe to the Base, after which the Base Power LED will return to the steady-on state. The Remote’s Audio Link LED will go out for a few seconds and then begin to flash once per second, indicating that your CA12CD-S is now ready to use.

Note 4.1: Remotes and Bases from different models and product generations cannot be mixed. Please see Table 4.1.

Table 4.1: Compatibility of Remotes and Bases

<table>
<thead>
<tr>
<th>Color of Momentary/ Locking Selector on Remote (see Figure 1.7 for location)</th>
<th>Color of Talk Volume Buttons on Base</th>
<th>Model &amp; Product Generation</th>
<th>Primary Region of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Black (check label on bottom of base to verify model)</td>
<td>CA12CD/VA. 1st Gen.</td>
<td>Europe</td>
</tr>
<tr>
<td>Black</td>
<td>Black</td>
<td>CA12CD/VA. 1st Gen.</td>
<td>Europe</td>
</tr>
<tr>
<td>White</td>
<td>Black</td>
<td>CA12CD/1, 2nd Gen.</td>
<td>North America</td>
</tr>
<tr>
<td>Gray</td>
<td>Gray</td>
<td>CA12CD-S, 2nd Gen.</td>
<td>North America</td>
</tr>
<tr>
<td>Purple</td>
<td>Purple</td>
<td>CA12CD-S/A, 2nd Gen.</td>
<td>Europe</td>
</tr>
<tr>
<td>Purple</td>
<td>Purple</td>
<td>CA12CD-S/A, 2nd Gen.</td>
<td>Europe</td>
</tr>
</tbody>
</table>

4.3 Insert the AC Adapter into the back of the Base. The Base Power LED will begin blinking.

4.4 Press and hold the Subscription button on the back of the Base until the LED begins to blink once per second. The Base will begin to subscribe to the Remote.

4.5 After the Remote has been subscribed to the Base, the Base Power LED will return to the steady-on state. The Remote’s Audio Link LED will go out for a few seconds and then begin to flash once per second, indicating that your CA12CD-S is now ready to use.

4.6 Insert the Battery Pack into the Charging Well for Spare Battery Pack.

4.7 Press the Battery Charge LED (orange) button on the Remote to verify the Battery Charge LED and Power LED are working.

4.8 The Battery Charge LED will turn on steadily (no flashing), indicating that the battery pack has been successfully inserted.

4.9 When the Base Power LED is off, verify that the Remote’s Audio Link LED is off.

4.10 Insert the Remote into the Charging Well for Remote Unit. The Charge LEDs will flash until the battery packs are fully charged, at which time the LEDs will stop flashing and remain on. It is okay to begin using the Remote after only one hour of charging time if desired.
ERROR CONDITIONS

If you hear...

Triple beep

Your Remote has lost its audio link with the Base. Usually, this is due to being too far away from the Base. Note that a triple beep while using the Talk or Listen fine-adjust controls indicates that the level is at its nominal setting.

Single beep every 10 seconds

Your battery is low and should be changed or recharged.

If you see...

The Audio Link LED flashing three times per second

A Charge LED flashing six times per second

Your battery should be replaced, or there could be an object such as a coin or a paperclip in the charging well.

ATTENTION:

Interception or termination of the communications link between the Base and the Remote will occur under the following or similar conditions:

1. Power outage
2. Moving the Remote out of range from the Base
3. Pressing the Audio Link button on the Remote while the audio link is active
4. Disconnection of the Base's power supply
5. Removal of the battery pack from the Remote
6. Low battery
7. Operation of other radio devices in the same frequency range (1.0 to 1.9 GHz for North America and 1.88 to 1.93 GHz for Europe and some other regions) as the CA12CD-S.
8. Too many CA12CD-Ss in the same location. At least 30 can typically be operated in the same location. However, this number can vary depending on such factors as building layout and construction materials, physical separation of units, and other radio devices operating nearby.

FCC PART 15 REQUIREMENTS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference, including interference that may cause undesired operation.

This equipment has been tested and complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, the equipment can cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the radio or television off and on, the user is encouraged to try to correct interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Exposure to Radio Frequency Radiation

The wireless radio and its antennas are co-located or operated in conjunction with any other antenna or transmitter. To comply with FCC RF exposure requirements, only the supplied antenna should be used.

The radiated output power of this internal wireless radio is far below the FCC radio frequency exposure limits. Nevertheless, the wireless radio shall be used as described in the manual.

The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community.

Plantronics therefore believes the internal wireless radio is safe for use by its consumers. The level of electromagnetic energy emitted from wireless devices is much lower than the electromagnetic energy emitted by wireless devices such as mobile phones. Moreover, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

In order to comply with FCC and IC RF Exposure requirements, the Base must be installed and operated such that a minimum separation distance of 20 cm is maintained between the Base and all persons during normal operation. The Remote complies with FCC radiation limits set forth for an uncontrolled environment.

NOTE: Modifications not expressly approved by Plantronics, Inc. could void the user's authority to operate the equipment.

INDUSTRY CANADA REGULATORY INFORMATION

This device complies with Industry Canada licence-exempt RSS standards. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industry Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas causer d'interférences nuisibles et
2. L'appareil doit accepter toutes les interférences reçues, y compris celles qui peuvent perturber son fonctionnement.

Ce matériel est compatible avec l'exposition aux radiations exposant les limites fixées pour un environnement non contrôlé. CAN ICES-3(B)/NMB-3B.