

# **PIONEER®**

## **SMART CONTROLLER**

**CONTROL YOUR PIONEER MINISPLIT FROM ANYWHERE**

**(USER MANUAL)**

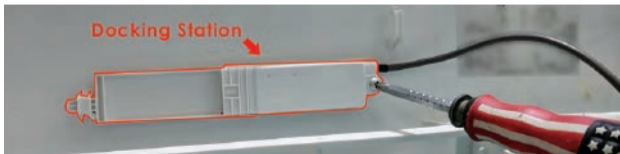


## Unpacking & Plugging In- Installation of Pioneer Smart Controller in Pioneer AC

**Step 1:** Power off your AC from the mains circuit breaker and open the Front Panel of your Air Conditioner.



**Step 2:** Inside the front panel, you will find a docking station as shown in the red border below. Remove its screw and take it off.



1

## Unpacking & Plugging In- Installation of Pioneer Smart Controller in Pioneer AC (Cont)

**Step 3:** Open the lid cover of the docking station. Unplug the Docking Station's cable connector by simply pulling it out.



**Step 4:** Pull out the existing PCB. Store the removed PCB as it is no longer required with the Pioneer Smart Controller.



## Unpacking & Plugging In- Installation of Pioneer Smart Controller in Pioneer AC (Cont)

**Step 5: Open the Pioneer Smart Controller box and take out the smart PCB and the connecting cable.**



**Step 6: Attach the Pioneer connecting cable with Pioneer smart controller PCB by simply plugging it inside the PCB connector.**



## Unpacking & Plugging In- Installation of Pioneer Smart Controller in Pioneer AC (Cont)

**Step 7:** Fix the Pioneer Smart Controller and cable inside the docking station by pressing it in the preset space.

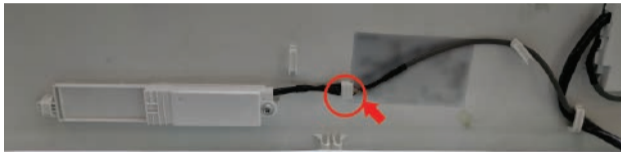


**Step 8:** Close the lid of docking station and screw it back at its original location.



## Unpacking & Plugging In- Installation of Pioneer Smart Controller in Pioneer AC (Cont)

**Step 9:** Connect the cable of newly installed Smart PCB to the AC cable coming out from the display panel.



You're Done with the Installation. Close the front panel of your Pioneer Air Conditioner.



## STEP 1B: PRIOR TO APP INSTALLATION

### Your Pioneer AC

- Make sure your Pioneer Smart Controller is installed inside the front panel of your AC as described in the previous section
- Power ON your Pioneer Air Conditioner

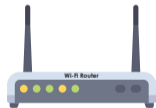
### Your Smart Phone

- Make sure Wi-Fi is turned ON in your Smart Phone
- Make sure you have internet access on your Smart Phone

### Your Wi-Fi Router

- Make sure you have working internet connection on your Wi-Fi Router
- Make sure there is no proxy server or authentication server configured on your internet connection
- Make sure there is no captive portal on your Wi-Fi Router

**Important :** Make sure IP Isolation or client isolation is turned OFF on your Wi-Fi Router



## STEP 2A: APP INSTALLATION

- Go to the App Store / Play Store
- In "search" section type "Cielo Home"
- Once "Cielo Home" App is displayed, press the Install button
- Open the App after installation is complete

## STEP 2B: LOGIN / REGISTER

- You can either create a new user account or use the App as an existing user
- As an existing user, enter user name and password; Tap on "Login" button
- If you are a new user, Tap on "Register" button and fill in the information

Cielo Home App



Login Screen





### STEP 3A: REGISTER PIONEER SMART CONTROLLER - FOR IOS USERS

Note: Pioneer Smart Controller registration process is meant to connect the Pioneer Smart Controller to your home Wi-Fi network through the Cielo Home App

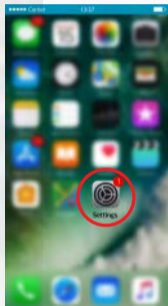
To begin registration:

Step 1: After successful login, you are at the Home Screen

Step 2: Go to your phone settings



Step 1



Step 2

## STEP 3A: REGISTER PIONEER SMART CONTROLLER - FOR iOS USERS (Cont)

Note: Pioneer Smart Controller registration process is meant to connect the Pioneer Smart Controller to your home Wi-Fi network through the Cielo Home App

Step 3: Go to your phone's Wi-Fi settings

Step 4: Connect your phone to Pioneer Smart Controller Wi-Fi (Cielo\_BI01\_XXXXXX)

Note: If you can not find a Wi-Fi that starts with Cielo\_BIXX\_XXXXXX, Power off the AC from the mains and power it on again after few seconds OR press LED button on your mini split remote control 7 times within one minute. Now connect to the Wi-Fi that starts with Cielo\_BIXX\_XXXXXX

Step 5: Go back to Cielo Home App

Step 3  
Go to your Wi-Fi settings



Step 4  
Connect your phone to Cielo Device Wi-Fi



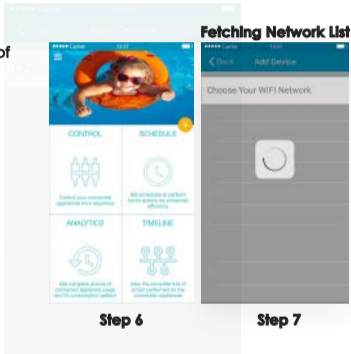
Step 5  
Go back to Cielo Home App

Go back to Step 3, 4, 5

## STEP 3A: REGISTER PIONEER SMART CONTROLLER - FOR iOS USERS (Cont)

Step 6: Tap "+" on the Home Screen

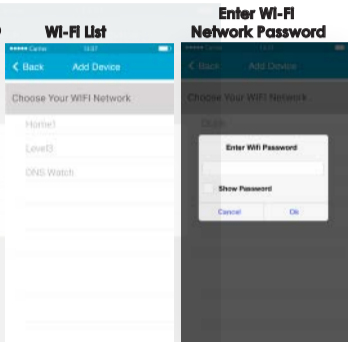
Step 7: Wait for your phone to fetch the list of available Wi-Fi networks



## STEP 3A: REGISTER PIONEER SMART CONTROLLER - FOR iOS USERS (Cont)

Step 8: Select your Home Wi-Fi network from the list (Please ensure that there is NO Captive Portal or port blocking on your selected network)

Step 9: Enter the password of your home Wi-Fi Network



Step 8

Step 9

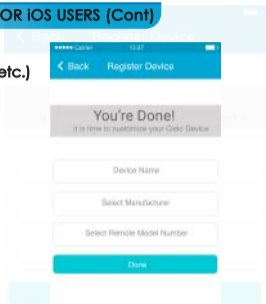
### STEP 3A: REGISTER PIONEER SMART CONTROLLER - FOR iOS USERS (Cont)

Step 10: On this screen, type device name of your choice. (For example, Bedroom, Lounge, Office, etc.)

Next, select "manufacturer" as Pioneer and your "remote model number" from the list

- On the next screen, "Allow Location Access" for enhanced functionality

Your registration process is complete. Pioneer Smart Controller will now appear on your home screen.



**Step 10**

## STEP 3B: REGISTER PIONEER SMART CONTROLLER - FOR ANDROID USERS

Note: Pioneer Smart Controller Registration process is meant to connect the Pioneer Smart Controller to your home Wi-Fi Network through Cielo Home App.

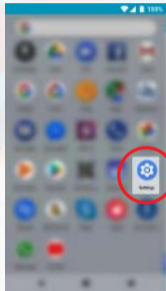
To begin registration:

Step 1: After successful login, you are at the Home Screen

Step 2: Go to your phone settings



Step 1



Step 2

## STEP 3B: REGISTER PIONEER SMART CONTROLLER - FOR ANDROID USERS (Cont)

**Note:** Pioneer Smart Controller Registration process is meant to connect the Pioneer Smart Controller to your home Wi-Fi Network through Cielo Home App.

**Step 3:** Go to your phone's Wi-Fi settings

**Step 4:** Connect your phone to Pioneer Smart Controller Wi-Fi (Cielo\_BI01\_XXXXXX)

**Note:** If you can not find a Wi-Fi that starts with Cielo\_BIXX\_XXXXXX, Power off the AC from the mains and power it on again after few seconds OR press LED button on your mini split remote control 7 times within one minute. Now connect to the Wi-Fi that starts with Cielo\_BIXX\_XXXXXX

**Step 5:** Go back to Cielo Home App

Go to your Wi-Fi settings

**Step 3**  
Go to your Wi-Fi settings



**Step 4**  
Connect your phone to Cielo Device Wi-Fi



**Step 5**  
Go back to Cielo Home App

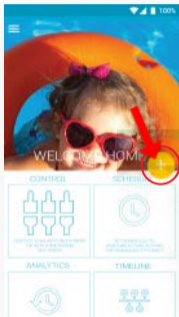
**Step 3, 4, 5**

Go back to Cielo Home App

## STEP 3B: REGISTER PIONEER SMART CONTROLLER - FOR ANDROID USERS (Cont)

Step 6: Tap "+" on the Home Screen

Step 7: Wait for your phone to fetch the list of available Wi-Fi networks



Step 6

### Fetching Network List



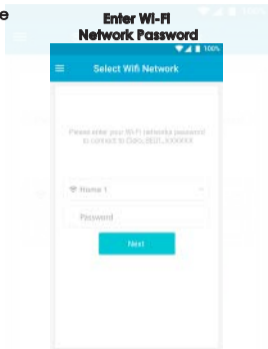
Step 7



## STEP 3B: REGISTER PIONEER SMART CONTROLLER - FOR ANDROID USERS (Cont)

Step 8: Select your Home Wi-Fi network from the list (Please ensure that there is NO Captive Portal or port blocking on your selected network)

Step 9: Enter the password of your home Wi-Fi Network



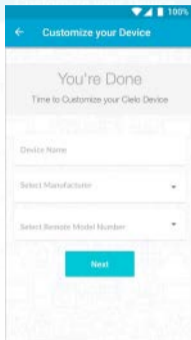
Step 8, 9

### STEP 3B: REGISTER PIONEER SMART CONTROLLER - FOR ANDROID USERS (CONT)

Step 10: On this screen, type device name of your choice. (For example, Bedroom, Lounge, Office, etc.)

Next, select "manufacturer" as Pioneer and your "remote model number" from the list

Your registration process is complete. Pioneer Smart Controller will now appear on your home screen.



**Step 10**

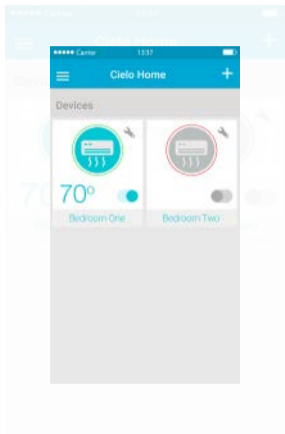
## STEP 4A: YOUR HOME SCREEN

Your home screen shows the real-time status of all your connected Pioneer Smart Controllers. If you have only one Pioneer Smart Controller, a single device will be displayed.

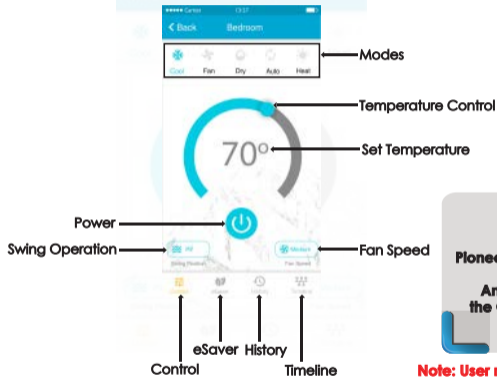
A registered Pioneer Smart Controller displays 2 types of status, shown as outlined circles:

- Green** – Device is online
- Red** – Device is offline

**Note:** In cases where the Pioneer Smart Controller is not appearing online, please refer to the Troubleshooting section at the end of this manual.



## CONTROL SCREEN - ENJOY THE UNLIMITED FUNCTIONALITIES



**Pioneer Smart Controller  
Works With  
Amazon Alexa &  
the Google Assistant**

**Note: User manual maybe subject  
to change with time,  
for up to date version  
please visit: [www.pd-hvac.com](http://www.pd-hvac.com)**

## TROUBLESHOOTING: CHANGING WI-FI NETWORK OF PIONEER SMART CONTROLLER

### Case 1:

Pioneer Smart Controller and Mobile are on same Wi-Fi network - Simply tap on wrench symbol to enter device settings. Press the change Wi-Fi button. List of available Wi-Fi will appear. Enter password of selected Wi-Fi. Your new Wi-Fi settings are done.

### Case 2:

Pioneer Smart Controller and Mobile are on different Wi-Fi network - Go to your Mobile Settings screen and connect your Mobile with same Wi-Fi network as Pioneer Smart Controller. The remaining process is same as given in case 1.

**Note: In case your mobile couldn't connect to same Wi-Fi network as Pioneer Smart Controller, press LED button on your mini split remote control 7 times within one minute. Now follow the instruction as given in case 3.**

### Case 3:

Pioneer Smart Controller is in AP (Access Point) mode - Connect mobile with Pioneer Smart Controller Wi-Fi i.e. Cielo B1XX\_XXXXXX in Mobile Wi-Fi settings. Go back to Cielo home App. Simply tap on wrench symbol to enter device settings. Press the change Wi-Fi button. List of available Wi-Fi will appear. Enter password of selected Wi-Fi. Your new Wi-Fi settings are done.

## LIMITED PRODUCT WARRANTY FOR END USERS

1. Cielo WiGle Inc. warrants to the owner of the enclosed product that the product contained in this box ("Product") will be free from defects in materials and workmanship for a period of one (1) years from the date of delivery, following the original retail purchase (the "Warranty Period").
2. If the Product fails to conform to this Limited Warranty during the Warranty Period, Cielo WiGle Inc. will, at its sole discretion, either repair or replace any defective Product or component.
3. Repair or replacement may be made with a new or refurbished product or components, at Cielo WiGle Inc.'s sole discretion.
4. If the Product or a component incorporated within it is no longer available, Cielo WiGle Inc. may replace the Product with a similar product of similar function, at Cielo WiGle Inc.'s sole discretion.

This is your sole and exclusive remedy for breach of this Limited Warranty.

5. Any Product that has either been repaired or replaced under this Limited Warranty will be covered by the terms of this Limited Warranty for the longer of ninety (90) days from the date of delivery or the remaining Warranty Period. This Limited Warranty is non-transferable from the original purchaser to subsequent owners and the Warranty Period will not be extended in duration or expanded in coverage for any such transfer.

### 6. WARRANTY CONDITIONS; HOW TO GET SERVICE IF YOU WANT TO CLAIM UNDER THIS LIMITED WARRANTY

Before being able to claim under this Limited Warranty, the owner of the Product must (a) notify Cielo WiGle Inc. of the intention to claim by visiting our website during the Warranty Period and providing a description of the alleged failure, and (b) comply with Cielo WiGle Inc.'s return shipping instructions.

### 7. WHAT THIS LIMITED WARRANTY DOES NOT COVER

This warranty does not cover the following (collectively "Ineligible Products"): Products marked as "sample" or sold "AS IS"; or Products that have been subject to: (a) modifications, alterations, tampering, or improper maintenance or repairs; (b) handling, storage, installation, testing, or use not in accordance with the User's Guide or other instructions provided by Cielo WiGle Inc.; (c) abuse or misuse of the Product; (d) breakdowns, fluctuations, or interruptions in electric power or the telecommunications network; or (e) Acts of God, including lightning, flood, tornado, earthquakes, or hurricane. This warranty does not cover consumable parts, unless damage is due to defects in materials or workmanship of the Product, or software (even if packaged or sold with the product). Unauthorized use of the Product or software can impair the Product's performance and may invalidate this Limited Warranty.

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## LIMITED PRODUCT WARRANTY FOR END USERS (CONTINUED)

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### 11. VARIATIONS THAT MIGHT APPLY TO THIS LIMITED WARRANTY

Some jurisdictions do not allow limitations on how long an implied warranty lasts or exclusions/limitations on incidental or consequential damages, so some of the limitations set out above may not apply to you.

#### Supplier

**PIONEER**  
Parker Davis HVAC  
International, Inc.  
Doral, Florida 33172  
USA



#### Technical Specifications

Pioneer Smart Controller for  
Air-Conditioners & Heat Pumps  
Model: BI-01  
Operating Voltage: 5V DC  
Operating Power: 0.5W  
Peak Power: 2W  
Radio: 2.4 Ghz Wireless Module  
Wireless Module: IEEE 802.11 b/g/n  
Processor: ARM 32bit  
Placement: Inside the Air Conditioner



Contains FCC ID: 2ADUESP-12-F

This device is compatible with part 15 of the FCC Rules. Operation is subjected to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

For any queries, visit  
[www.pd-hvac.com](http://www.pd-hvac.com)