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**Ooma®**

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Learn more at [www.ooma.com](http://www.ooma.com)

or call 1-866-939-6662 (US) or 1-877-948-6662 (Canada)

This device is intended for commercial use only, do not use this device inside a residence

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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# Ooma® AirDial

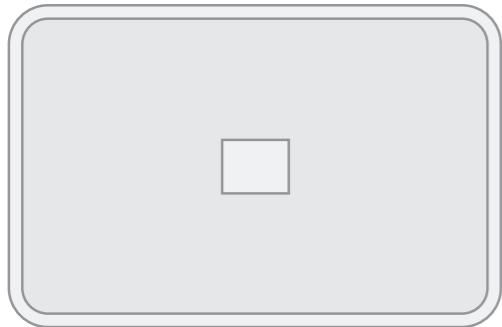
## Quick Start Guide



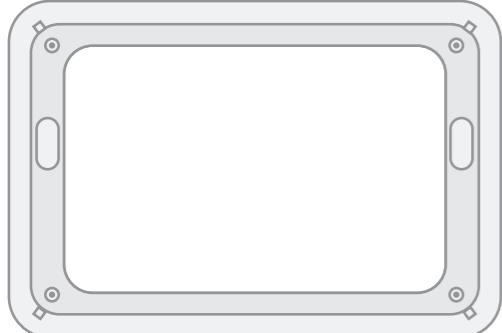
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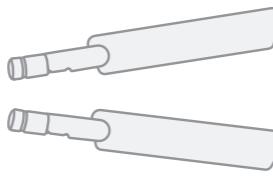
## Package Contents



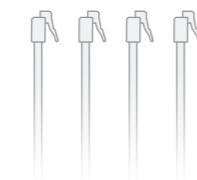
Ooma AirDial



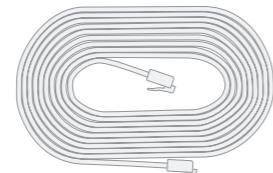
Mounting Bracket



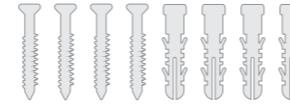
Two External Detachable  
LTE Antennas



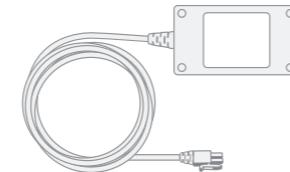
4x Phone Wires



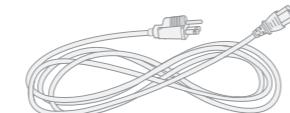
Ethernet Cable (CAT5)



Mounting Screws  
and Anchors



Power Adapter



Power Adapter Cable

## Account Activation

If the packaging of your AirDial says it is already activated, then you may skip the activation step. You should have received an email containing your account number, the device's serial number, and the phone number of your pre-activated AirDial when the device shipped.

Otherwise, you will need to add your AirDial to your Ooma account by visiting <http://rdm.ooma.com/>.

- If you are a new Ooma customer, choose **Create Account**.
- If you already have an Ooma account, choose **Add Device**.

The activation code can be found on the FCC label on the bottom of the device.

Once you have activated the device, you may continue to the next step.

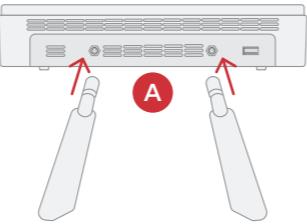


FCC label is attached to the  
bottom of the AirDial

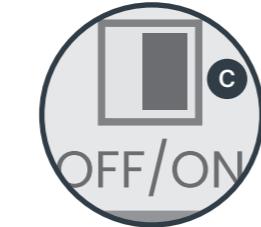
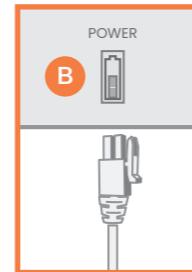


## Assembly

1. Connect the two included LTE antennas to the back of the AirDial device **A**. Screw the swivel nuts clockwise until they are finger tight and are holding the antenna in a steady upright position. Do not over-tighten.  
**NOTE: The swivel nut on the antenna cannot be separated from the rest of the antenna assembly.**



2. Attach the included AC power adapter to the AirDial unit **B** and plug the other end into a wall. The power adapter has a snapping connector to prevent accidental disconnects. To remove it from the AirDial unit, squeeze the connector from the top and bottom and gently pull it out.



3. Turn the power switch to the **ON** position **C**.

## Connect AirDial to the Internet

When your AirDial starts up for the first time, it will download and install updates. This process can take up to five minutes, during which time the LCD panel might go blank. When the AirDial is powered on and ready for use, its status will change to **IN-SERVICE**.

You can connect the four ports labeled **1-4** on the back of the AirDial to up to four devices that require POTS replacement (e.g., dialers, alarms, entry systems, communicators).

The LCD on the front of the AirDial **A** shows the status of each phone line, the LTE signal strength, the battery's charge, Status of the AC adapter's status, and the overall system status.



# Placement Guidelines

Your AirDial must be installed in an area with suitable LTE cellular coverage.

To test the level of coverage, you can check the signal strength indicator bars on the AirDial unit's LCD display. If the indicator shows two bars or fewer, try moving the AirDial to a different location.

The AirDial includes a built-in battery that powers the unit if the power is disconnected. You can use the battery to move your AirDial between locations to identify a spot with ideal signal strength.

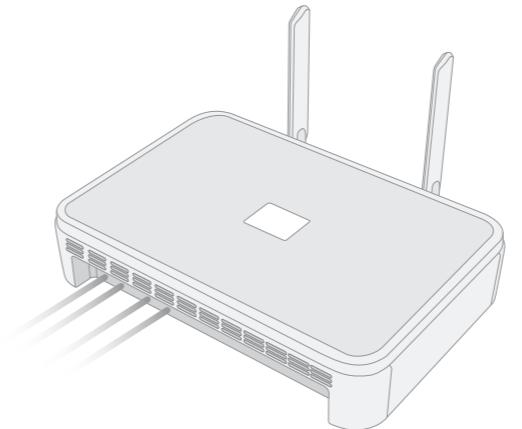
The AirDial comes with four phone cables that can be used to connect it to an alarm, dialer, patch panel, or other telephony equipment. If the AirDial is installed in a location that is more than six feet from the equipment for which it will provide POTS replacement service, then you will need a longer phone cable to connect it to your equipment. You can purchase longer phone cables from a local hardware store, or you can order a 50 ft phone wire from [ooma.com](http://ooma.com).

## LTE PLACEMENT ADVISORY

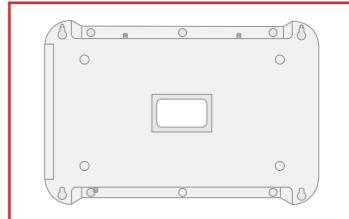
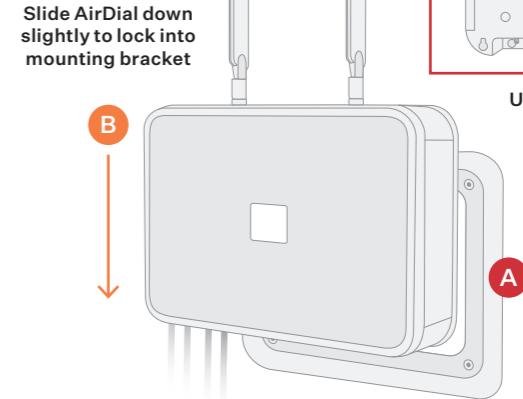
The AirDial and the included antennas should only be installed indoors or in an enclosed environment away from moisture and high heat. **For the best LTE signal, here are some dos and don'ts:**

- **Do** place the adapter in an area with good cellular reception like a room with a window
- **Do** install the adapter on the highest possible floor of your building
- **Do** double check the device's LTE signal prior to installation
- **Don't** install the adapter in a basement
- **Don't** install the adapter near large concrete, sheet metal, or steel slabs
- **Don't** install the adapter near an electrical cabling cabinet or large volumes of wire mesh
- **Don't** install the adapter near any plumbing

# Installation or Mounting Instructions



The AirDial device can sit flat on a horizontal surface like a desk or shelf, or it can be mounted vertically on a wall.



Underside of AirDial

To mount the device on a wall, attach the included mounting bracket **A** to the wall. If necessary, use the included plastic wall anchors. Align the AirDial with the mounting bracket and then slide it down slightly to lock it into place **B**. The cables should hang beneath the device.

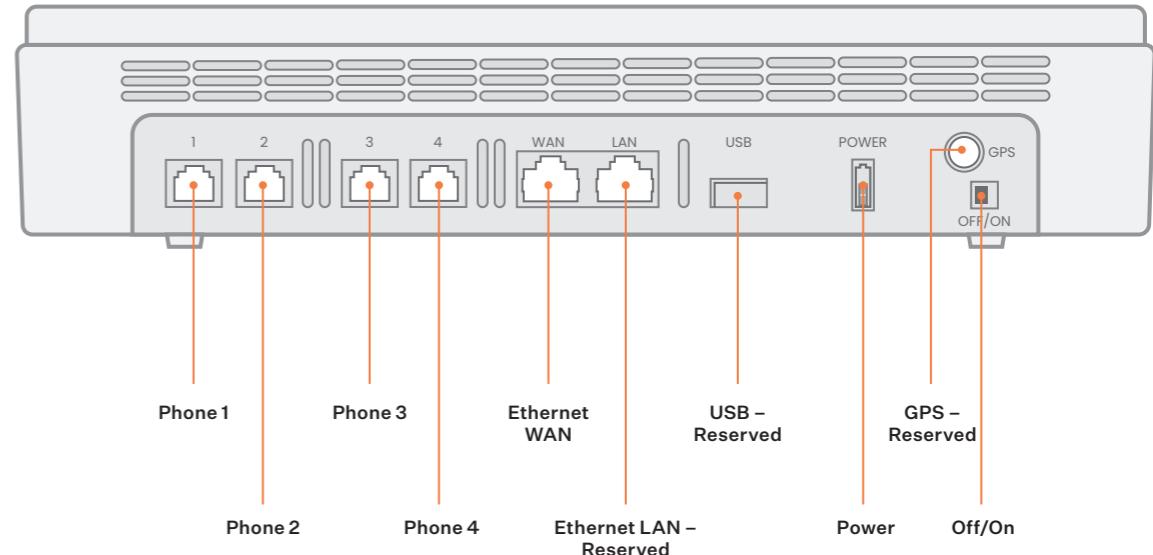
## Monitoring and Configuration

The AirDial can be monitored and configured remotely from any web browser. To configure a device, visit <http://rdm.ooma.com>

Log in with your Ooma username and password. You will see a list of devices associated with your account.

For additional information about adding devices and ....Visit <the QSG for portal URL>

## Quick Reference Guide



- **Phone 1-4:** Connect to your telephony device using an RJ11 wire
- **Ethernet WAN:** Use an Ethernet cable to connect to a router or switch's LAN port, or to connect directly to a modem
- **Power:** Use the provided AC adapter to connect to a power outlet
- **Off/On:** Toggle the power on and on

## Optional Accessories

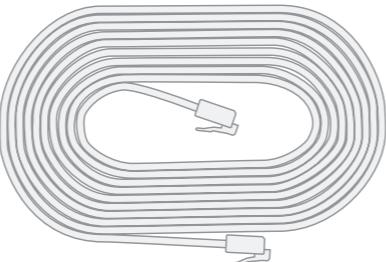
### Replacement battery

If your battery becomes depleted, you can purchase and install a replacement. Visit [ooma.com](http://ooma.com) or contact a customer support representative to learn more and buy now.



### Extended phone cable

If the included phone cable isn't long enough to reach your telephony device at the installation site, you can purchase a longer cable. Visit [ooma.com](http://ooma.com) to order a 50-foot cable direct from Ooma, or head to your local hardware store to view their selection of phone cables.

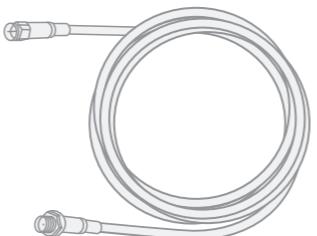


### Coax extension cables for antennas

You can extend the range of your antennas by connecting them to **SMA coax extension cables**. If you'd like to do this, visit your local hardware store or your favorite online retailer to explore their selection.

The quality of your signal depends on the cable's length and impedance. Ooma recommends that coax extension cables be no longer than 10 feet and have low impedance.

***Be sure to purchase a cable with a male connector on one end and a female connector on the other.***



## Troubleshooting

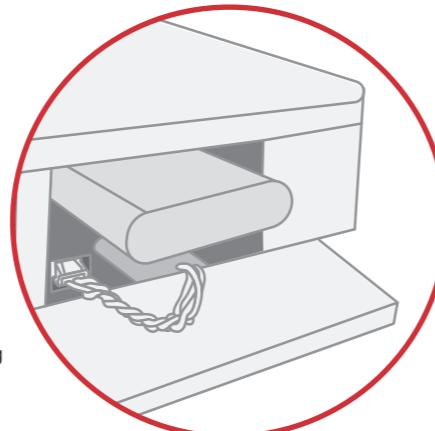
# Battery Replacement

## Should your batter become depleted, you can purchase and install a new one.

### To replace the old battery pack:

1. Open the door on the right side of the device.
2. Remove the screw that holds the battery cover in place.
3. Disconnect the battery from the white electrical connector:

- Depress the top locking tab.
- Hold the wires firmly to secure them as you disconnect the connector.
- If disconnecting the battery is difficult, carefully move the wires back and forth within 15 degrees of the connection point.



4. Remove the old battery.
5. Insert the new battery.
6. Connect the battery cable to the in the white electrical connector by inserting the socket straight into the header with the locking tab up until it clicks.
7. Reinsert the battery cover, secure it with the screw removed in Step 2, and close the access door.



**BATTERY WARNING:** The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble, heat, or incinerate. Replace battery with Ooma authorized replacement pack only. Use of another battery may present a risk of fire or explosion.

Dispose of battery properly. Keep away from children. Do not disassemble and do not dispose of in fire.

# Device Specifications

Processor	<ul style="list-style-type: none"><li>• Dual-core ARM Cortex A9 CPU</li></ul>
Modem	<ul style="list-style-type: none"><li>• Quectel EG95-NAXD Cat-4 LTE</li></ul>
LTE Band Support	<ul style="list-style-type: none"><li>• B2/B4/B5/B12/B13/B25/B26</li></ul>
LTE Data Rates	<ul style="list-style-type: none"><li>• Up to 150 Mbps down and 50 Mbps up</li></ul>
Antennas	<ul style="list-style-type: none"><li>• Two Wideband 5G/4G Terminal Mount Antennas</li><li>• Hinged 90° termination with SMA(M) Connector</li></ul>
SIM Cards	<ul style="list-style-type: none"><li>• Dual micro-SIM support</li></ul>
Ethernet	<ul style="list-style-type: none"><li>• One RJ-45 10/100/1000 Ethernet WAN port</li><li>• One RJ-45 10/100/1000 Ethernet LAN port</li></ul>
FXS Ports	<ul style="list-style-type: none"><li>• Four RJ-11 analog FXS ports</li></ul>
Telephony	<ul style="list-style-type: none"><li>• 55Vrms Low Power Ringing</li></ul>
Power Adapter	<ul style="list-style-type: none"><li>• AC-DC Adapter w/ MicroFit+ connector</li></ul>
Power Input	<ul style="list-style-type: none"><li>• 100-240 VAC 50-60Hz</li></ul>
Power Output	<ul style="list-style-type: none"><li>• 12VDC/3A 36W</li></ul>
Battery Backup	<ul style="list-style-type: none"><li>• Replaceable battery pack 3S3P Li-ion battery: 10.95V, 3A</li><li>• Capacity 85.4 Wh (7.8 Ah) provides &gt; 8 hours of standby time</li></ul>
Display	<ul style="list-style-type: none"><li>• 320x240 LCD display</li></ul>
Switches	<ul style="list-style-type: none"><li>• Master On/Off</li><li>• Factory reset (recessed)</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• W 30cm x H 6cm x D 20cm when sitting horizontally</li></ul>
Operating Temperature	<ul style="list-style-type: none"><li>• 0 – 40° C</li></ul>
Warranty	<ul style="list-style-type: none"><li>• 1-Year Limited Warranty</li></ul>

# Support

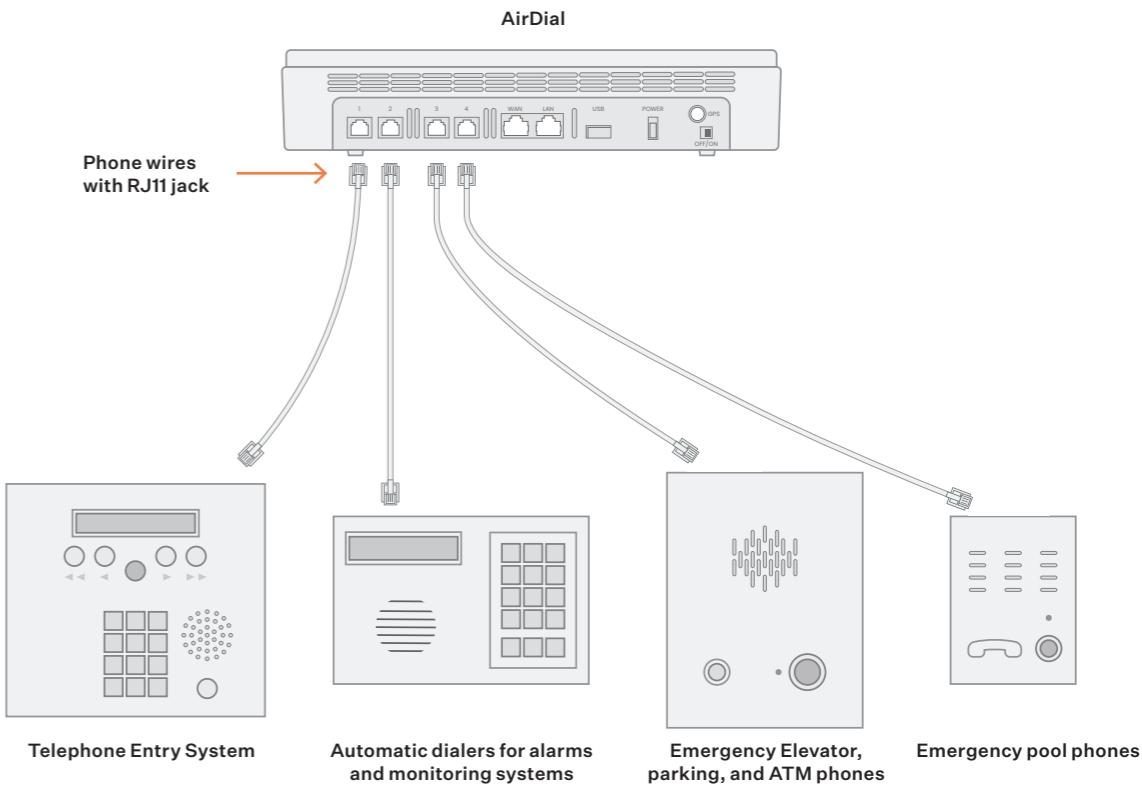
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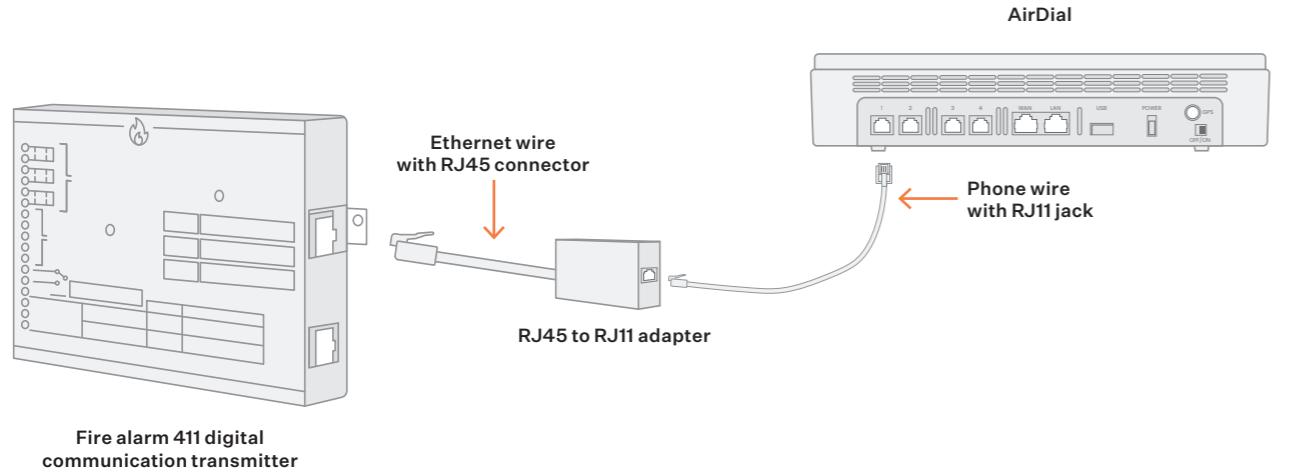
## Appendix I

### Connecting AirDial to an emergency phone or monitoring system dialer



## Appendix II

### Connecting AirDial to Digital Alarm Communication Transmitter (DACT)



FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. 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 received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

1. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

NOTE:

This equipment has been tested and found to comply 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, may 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 equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- 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.

IC Caution:

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

- (1) this device may not cause interference,
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class [B] digital apparatus complies with Canadian ICE-003.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

L'appareil a été évalué pour répondre aux exigences générales d'exposition RF.

L'appareil peut être utilisé dans des conditions d'exposition fixes / mobiles.

La distance de séparation minimale est de 20 cm.