bond Bridge PRO
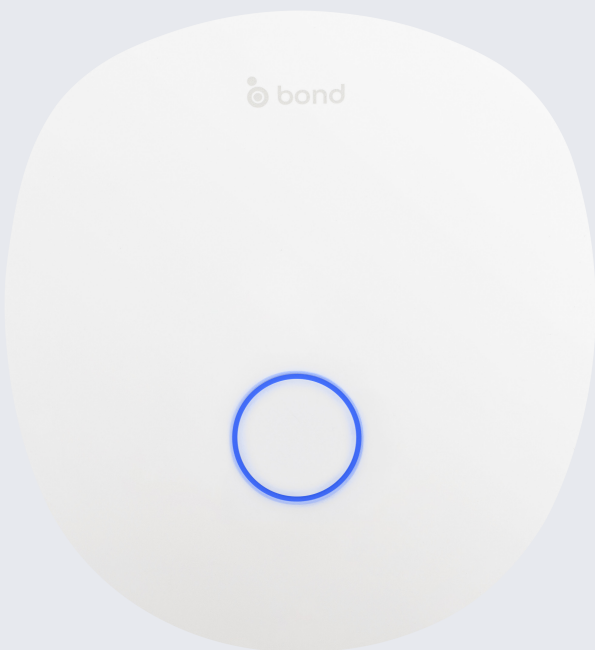
for Pro Installers!

model number: BD-1750

The Quick Read

✓ Bond Bridge Pro (BD-1750) is a Sub GHz to Wifi (TCP/IP) Bridge

✓ Cover remote controls between 300MHz - 450MHz*

✓ Somfy, all ceiling fans, and fireplaces

✓ 2.4GHz Wi-Fi, Ethernet + POE

✓ Extended warranty

✓ Drivers for C4, Elan, RTI, URC and more

✓ Live tech support

The Whole Story

The Pro Installer market has spoken, and we listened: Bond Bridge Pro is our new low frequency RF to Wi-Fi/ Ethernet bridge with a new look and new functionality.

It was created and designed for Pro Installers who demand to take the experience of using a Smart Bridge to the next level. It is an easier, faster, and more powerful way to connect RF controlled devices in a smart home automation portfolio.

The setup is quick and easy, and there is no need for workarounds or complicated drivers in order to connect ceiling fans, fireplaces or shades.

Just mount the Bond Bridge Pro to the wall or ceiling in a central location, to allow for full coverage and control of RF devices within the entire home. And, with PoE and ethernet, it allows a fully hard-wired integration.

And we are Open! Our open API allows integrations with all home automation systems.
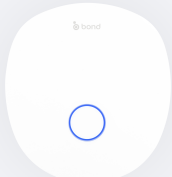
Supported Devices

Ceiling fans

Motorized shades

Fireplaces

Bond Bridge vs. Bond Bridge Pro

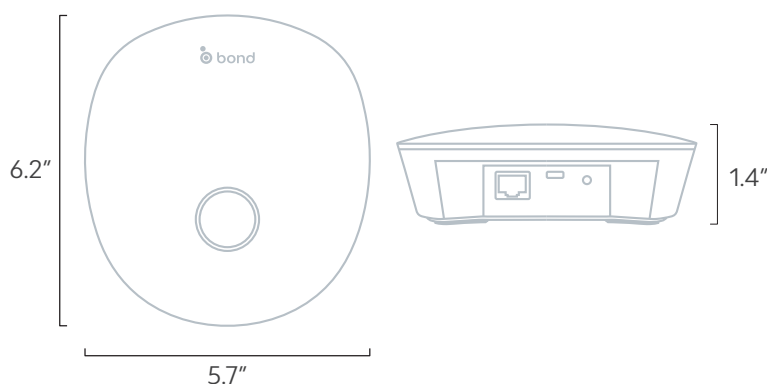|	Bond Bridge	Bond Bridge Pro
Range	2,500 sq ft	**3,500 sq ft**
Can control up to	30 devices	**50 devices**
Warranty	1 year	**3 years**
Ethernet connectivity	✖	✔
Power Over Ethernet - PoE	✖	✔
Ceiling and Wall mount	✖	✔
Works with Sidekick	✖	✔
RF	✔	✔
IR	✔	✖
Open Local API	✔	✔
In-App Live Customer Support	✔	✔

Works With

- Control 4
- Nice Home
- RTI
- URC
- Savant
- Crestron
- Hey Google
- Amazon Alexa
- SmartThings
- Somfy
- Rollease Acmeda
- Nice

And many more! Check out the ever growing list of brands that Bond Bridge Pro work with

Dimensions & Weight

6.2"

5.7"

1.4"

Total: 1.4" H x 5.7" W x 6.2" D   **Weight:** 7.2 oz
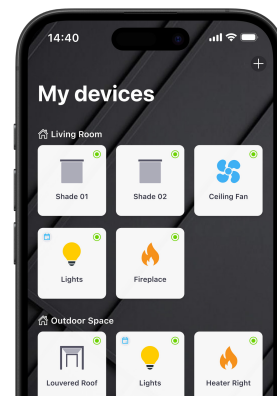
RF Frequency
300—450 MHz*

Power
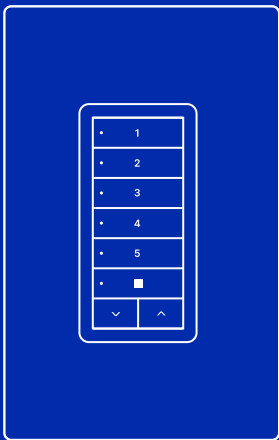3VDC/1W or PoE

RF Reach
3,500 sq ft

Connectivity
2.4 GHz Wi-Fi or Ethernet

Cable Lenght
6 ft

* Frequency range for the North America region is restricted, with bands 321.5—336.0 MHz & 399.5—410.5 MHz unavailable. In Australia only bands 433.05—434.79 MHz are supported. In EU, supported bands 433.05—434.79 MHz, Maximum Power: -1.7 dBm, Connectivity: 2.4 GHz Wi-Fi 2412—2472 MHz

Easy and quick setup

Setting up devices on the Bond Home app takes only 30 sec per device

GET IT ON Google Play

Download on the App Store

My devices

Living Room
Shade 01 | Shade 02 | Ceiling Fan
Lights | Fireplace

Outdoor Space
Louvered Roof | Lights | Heater Right

bond   🌐 bondhome.io   ✉ customerservice@olibra.io   **Everything Smart**

bond

Everything Smart

•	1
•	2
•	3
•	4
•	5
•	■
⌄	⌃

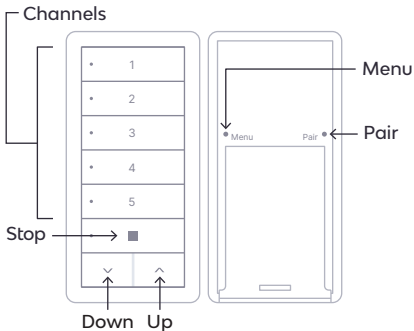# Sidekick **for SHADES**
Quick Start Guide

⚠ **WARNING**

- **INGESTION HAZARD:** This product contains a button cell or coin battery
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** as little as **2 hours.**
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swalloed or inserted inside any part of the body.

Battery: replaceable button cell CR2430 (3V)

Welcome to Sidekick

Channels

1

2

3

4

5

Menu

Menu   Pair   Pair

Stop →

Down   Up

Sidekick is a universal wall-mounted control for motorized shades.

You can configure Sidekick to talk to any of its 15 different motor technologies. Sidekick communicates directly with the motor using the same signals as the manufacturer's remotes, allowing you to raise, lower, stop, set limits, and even set favorite positions.

Sidekick can be configured for 5- or 1-channel operation and supports various advanced use cases when paired with a Bond Bridge Pro.

Getting Started

To use Sidekick:

1. Install battery

2. Set Sidekick to your motor technology *skip this if using Somfy RTS as that is the factory default*

3. Pair Sidekick with your shade *follow the same procedures as the manufacturer's remote*

4. Use Sidekick to control the shade

5. Link it to Bond Bridge Pro (optional)

Scan the QR Code to access full manual

Get detailed step-by-step instructions, and learn about advanced features.

Need extra help?

customerservice@olibra.io

olibra.zendesk.com

Support Videos

How to change technologies

Sidekick can control more than just Somfy RTS motors. Just enter the code corresponding to your motor technology.

To change technologies of all channels:

● Menu ➡ **Technology Code** ➡ · ■

Example: To set Sidekick to Rollease Acmeda ARC, press MENU → 3 → STOP

To change technology of a single channel:

Select the desired channel and add "1" before entering the motor technology code:

■ ➡ ● Menu ➡ · 1 ➡ **Technology Code** ➡ · ■

Example: To set Channel 1 to Rollease Acmeda ARC, Select Channel 1 → MENU → 1 → 3 → STOP

Sidekick can control multiple motor technologies at the same time

— Somfy RTS

— Rollease Acmeda

By selecting channels 2 and 3, pressing UP will raise all shades paired to those channels.

Technology Codes

Somfy RTS *roller mode* ✓GEN 1 ✓GEN 2 ✓GEN 3
• Menu → | • | 2 | → | • | ■ |

Somfy Lights & Blinds ✓GEN 1 ✓GEN 2 ✓GEN 3
Renson & Noval RTS lights, and motors in tilt mode
• Menu → | • | 3 | → | • | 4 | → | • | ■ |

Rollease Automate ARC ✓GEN 1 ✓GEN 2 ✓GEN 3
• Menu → | • | 3 | → | • | ■ |

Nice Green *interior motors/F-Code* ✓GEN 1 ✓GEN 2 ✓GEN 3
• Menu → | • | 4 | → | • | ■ |

AMP *interior motors/F-Code* ✓GEN 1 ✓GEN 2 ✓GEN 3
• Menu → | • | 2 | → | • | 1 | → | • | ■ |

Motion Blinds *Coulisse* ✓GEN 1 ✓GEN 2 ✓GEN 3
• Menu → | • | 2 | → | • | 4 | → | • | ■ |

Dooya Bidirectional ✓GEN 1 ✓GEN 2 ✓GEN 3
including Wynstan and other brands
• Menu → | • | 2 | → | • | 3 | → | • | ■ |

Dooya Unidirectional ✗GEN 1 ✓GEN 2 ✓GEN 3
compatible DC1600 series remotes
• Menu → | • | 2 | → | • | 5 | → | • | ■ |

A.OK ✗GEN 1 ✓GEN 2 ✓GEN 3
• Menu → | • | 3 | → | • | 1 | → | • | ■ |

PowerShades

Menu → | • 4 → | • 1 → | •

GAPOSA *USA Motors*

Menu → | • 3 → | • 5 → | •

BOFU

Menu → | • 3 → | • 2 → | •

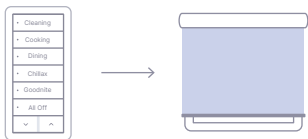## Forest Drapery Hardware

Menu → | • 4 → | • 2 → | •

Alpha Tubular Motors

Menu → | • 4 → | • 5 → | •

Pair Sidekick with your shade

To pair Sidekick with your shade motor, just follow the motor manufacturer's instructions normally, using Sidekick instead of the manufacturer's remote.
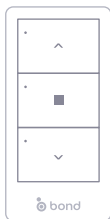
In some cases, Sidekick's buttons will have different names than the ones you find in your remote. Please, refer to Sidekick full documentation to learn more.

Scan the QR Code to access full manual

Learn more about Sidekick and its amazing features

Single Channel Mode
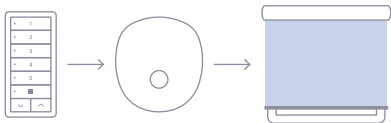

Control your shades with larger buttons.

1) Set Sidekick to your motor technology

2) Enter the following code:

• Menu → • 5 → • 1 → • 3 → • 2 → • ■

3) Remove the 5-channel button set

4) Install the Single-channel button set

IMPORTANT: Configure motor technology BEFORE setting Sidekick to Single Channel Mode. It won't be possible to enter technology codes with the 3-keys button-set.
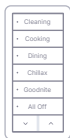
Relay Mode

In relay mode, your Bond Bridge Pro(s) will relay the signal to your devices, extending range and making available motor technologies not directly supported by Sidekick.

● Menu → | • 4 | → | • 3 | → | • 4 | → | • 5 | → | • ■ |
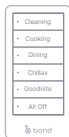
Keypad Modes

Configure button taps, double-taps, and hold triggers to activate commands in your home automation system using the Bond Bridge Pro.

8-keys Keypad Mode

Set up each key to a scene and even use the Up and Down buttons to control dimmer lights, volume, temperature, and more!
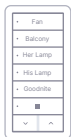
● Menu → | • 5 | → | • 1 | → | • 2 | → | • 4 | → | • ■ |

6-keys Keypad Mode

For those instances where you don't need Up and Down buttons. Set up to 6 scenes.

| Cleaning |
| Cooking |
| Dining |
| Chillax |
| Goodnite |
| All Off |

ᐓ bond

• Menu → • 5 → • 1 → • 2 → • 5 → • ■

3-keys Keypad Mode

The simpliest of them all, specially useful in A/V installations such as home theaters.

| Louder |
| Music On/Off |
| Quieter |

ᐓ bond

• Menu → • 5 → • 1 → • 2 → • 3 → • ■

Mixed Keypad Mode

In this mode, the 5 numbered buttons are used for scenes, while the Stop, Up, Down, and Pair buttons act as a single-channel remote that directly controls your shade motor.

| Fan |
| Balcony |
| Har Lamp |
| His Lamp |
| Goodnite |
| ■ |
| ˅   ˄ |

• Menu → • 5 → • 1 → • 3 → • 1 → • ■

Safety

⚠ **Please read the following important safety information before using this keypad.**

This keypad is designed to activate motorized window coverings, awnings, and pergolas which may cause serious injury or death if operated improperly, and must only be operated by persons trained in the safe operation of these shading products. Never rely on Sidekick or any remote control as the sole means of opening a screen blocking an exit from a building. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information. Non-rechargeable batteries are not to be recharged. Do not force discharge, recharge, disassemble, heat above 60°C/140°F or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. Ensure the batteries are installed correctly according to polarity (+ and -). Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Legal

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. Changes or modifications not expressly approved by Olibra could void the user's authority to operate the equipment. For more information on avoiding interference, see the full manual. Hardware and firmware is Copyright © Olibra LLC, 2022. All rights reserved. Firmware includes ChibiOS/HAL Copyright © 2022 Giovanni Di Sirio, used under terms of the Apache License v2.0. Firmware also includes tiny printf library Copyright © 2014--2019, Marco Paland of PALANDesign Hannover, Germany, used under terms of the MIT License. For the text of the Apache and MIT licenses, see the full manual.

Bond, Bond Home, Sidekick, and Sidekick for Shades are trademarks of Olibra, LLC.

All trademarks are property of their respective owners.

Designed by Olibra in New Jersey and Santa Catarina.
Made in Vietnam

Sidekick **for SHADES** Gen 3
Universal Shade Remote Control

model number: SKS-500

The Quick Story

- ✓ Works with multiple motor technologies
- ✓ 5- and 1-channel button sets included
- ✓ Pairs directly with the shade
- ✓ Wireless control via RF
- ✓ 10-year battery life
- ✓ Flush mount: Install with or without a workbox
- ✓ Provides State feedback to the Bond Bridge Pro
- ✓ Set up shade limits
  No manufacturer remote required

The Whole Story

Sidekick is the only keypad in the industry that can communicate directly with multiple motor technologies, such as; Somfy RTS, Rollease ARC, Dooya, AMP Motorization, and more. By doing so, it provides direct, individual, and group control with no advance planning or wiring required.

When used with the Bond Bridge Pro, Sidekick is capable of showing the correct open/close state of the shades and can also work in Relay Mode, where commands are sent by the Bond Bridge Pro (instead of Sidekick), extending the technologies it supports, its range and battery life.

Comparing All Sidekick Versions

	Sidekick Gen 1	Sidekick Gen 2	**Sidekick Gen 3**
Channel Modes	5-channel only	5- & 1-channel	**5-, 1-channel & 6 keys**
Motor Brands Supported	6	11	**14**
Keypad Modes	Not Supported	Supported	**Supported**

Connectivity

Radio Frequency: 431 — 437 MHz
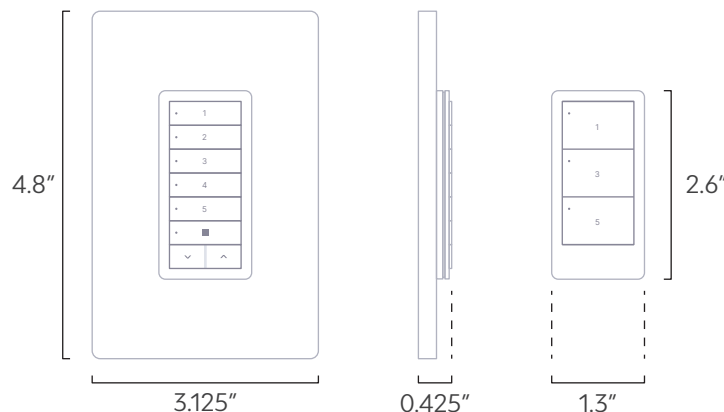
Range: 2,500 sq. ft. radius

Works with

- Somfy RTS *Roller mode*
- Somfy *Lights & Blinds*
- Rollease Automate ARC
- Nice Green *interior motors / F-Code*
- AMP
- Dooya Bidirectional
  including Wynstan and other brands
- Dooya Unidirectional
  compatible DC1600 series remotes
- Motion Blinds *Coulisse*
- Gaposa
- A.OK
- PowerShades
- Forest Drapery Hardware *New in Gen 3*
- J-Star / Jiecang *New in Gen 3*
- Alpha Tubular Motors *New in Gen 3*

What's in the box?
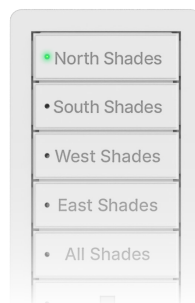
1×Sidekick Gen 3

1×8-key button set / 5-channel (pre-installed)

1×3-key button set / 1-channel

1×6-key button set

1×Backplate

1×CR2430 3V battery (replaceable)

2×Screws

2×Drywall Anchors

Dimensions

4.8"

3.125"   0.425"   1.3"

2.6"

Total: 4.8" H x 3.125" W x 0.425" D

Custom Engraving

You can customize all text in your Sidekick's 8-button set with our certified partners. Learn more at:

www.bondhome.io

Keypad Mode

Transmit button taps, double taps, and holds triggers via Bond Bridge Pro to popular automation systems like Control 4, Savant, Crestron, and more.

Easy Installation

Wiring is not needed. Simply setup Sidekick directly with the shade, without the manufacturers controller, set the shade limits, and fix it to your wall.

To learn more, scan here for the Sidekick User Manual

Groups

Schedules

Scenes

RF
434MHz

Bluetooth

15
15 Channels

MT-1500-W

MT-1500-B

◉ bond Mate

Let's Go Outdoors

Our new water-resistant smart remote control

- ✓ Smart 15-channel universal remote-control for motorized shades, awnings, pergolas, shutters, and screens
- ✓ Brings individual, multiple-groups and automated control
- ✓ Assign channels custom names, set schedules, and more
- ✓ Designed for outdoor use (IP65), can be used indoors too
- ✓ Works stand-alone (no bridge or app required)
- ✓ Easy setup via the Bond Home app over Bluetooth
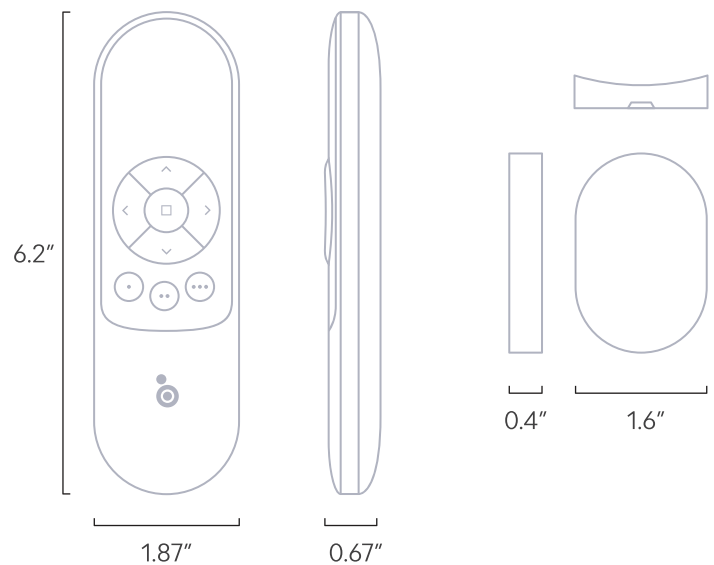- ✓ Compatible with many leading motor brands

Scan to
learn more

◉ bond   🌐 bondhome.io   ✉ customerservice@olibra.io   **Everything Smart**

Specifications

Number of Channels	15 Channels
RF Frenquency	431–437 MHz
Transmission Range	1,800 sq ft*
Protection Rating	IP65
Operating Temp.	32°F to 122°F
Battery	2xAAA batteries**
Battery Life	3 years***
Warranty	3 years

*Under optimal conditions
**1.5 V, lithium-metal / alkaline / NiHM chemistries supported
***When used twice a day

Dimensions

6.2"
1.87"
0.67"
0.4"
1.6"

Setup via the Bond Home app

Connect to your Mate via Bluetooth to set channel technologies, name channels, create schedules, scenes, and more!

Magnetic Wall-Mount

Do not to mount or place Mate under direct sun light

Fits your style

Bumpers in different colors to fit your style

Works with

- Somfy
- Rollease Acmeda
- Nice
- Gaposa
- Azenco Outdoors
- MagnaTrack
- Forest Drapery
- AMP
- Dooya
- And many more