## REGULATORY COMPLIANCE

Rollease Acmeda declares this equipment is in compliance with the essential requirements and other relevant provisions of the following directives:

2014/35/EU - The Low Voltage Directive
2014/30/EU - The Electromagnetic Compatibility Directive
2014/53/EU - The Radio Equipment Directive

## STATEMENT REGARDING FCC/ISED COMPLIANCE

This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s). 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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC ID: 2AGGZMT020401007
IC: 21769-MT020401007

Do not dispose of in general waste. Please recycle batteries and damaged electrical products appropriately.

# ARC REPEATER

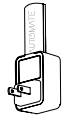
Product #: MT02-0401-069007

## QUICK START GUIDE


**1** Plug USB power adapter into a power outlet.

**WARNING**
Only use Rollease Acmeda USB power adapters with ARC Repeater. Using other power adapters/power sources may adversely affect ARC Repeater performance and should be avoided.

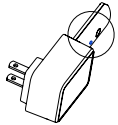
**2** Plug the ARC Repeater into the USB power adapter. A blue LED on the ARC Repeater will be visible when the power is switched on.




*(in 90° orientation)*

**NOTE**
ARC Repeater is plug and play. No setup required.

**3** Press any button on a Rollease Acmeda remote control. The blue light on the ARC Repeater will flash 3 times. This means the ARC Repeater is transmitting the signal.



LED LIGHT

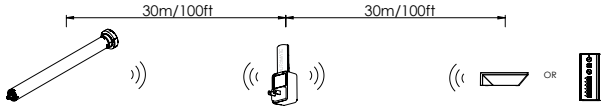
**IMPORTANT**
Maximum of 2 ARC Repeaters can be used in one project
Don't cover the ARC Repeater with a metal shield

AUTOMATE™
A DIVISION OF ROLLEASE ACMEDA

rolleaseacmeda.com

## INSTALLATION RANGE

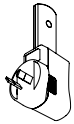
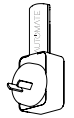
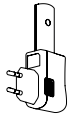
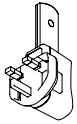
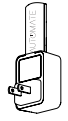
The Rollease Acmeda ARC Repeater can extend the RF range of operation for ARC-enabled products by up to 40m (131ft).




*(in 90° orientation)*

NOTE: *RF source can be PULSE or any ARC Remote Control or Sensor.*

## ROLLEASE ACMEDA USB POWER ADAPTERS

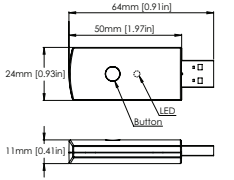
| REGION | AU | | EU | UK | US |
|---|---|---|---|---|---|
| PART | MTPS-USB5-1000AU | MT03-0301-069009 | MTPS-USB5-100EU | MT03-0301-050002 | MT03-0301-069008 |
| |  |  |  |  |  |
| IN 90° ORIENTATION *FOR A BETTER SIGNAL RANGE* |  |  |  |  |  |

## LED LIGHT INDICATION

| LED | STATUS |
|---|---|
| On | Power On |
| Flashes x 3 | Transmitting a remote control, motor or sensor RF433 MHz signal |
| Flashes x 1 | Transmitting a Pulse hub RF433 MHz signal |

## SPECIFICATIONS

| | |
|---|---|
| INTERFACE | USB |
| WORKING VOLTAGE | 5±0.2 V DC |
| POWER SUPPLY | USB POWER ADAPTER |
| RADIO FREQUENCY | 433.92MHZ |
| RADIO DISTANCE OF OPERATION | 40m *(in 90° orientation)* |
| | 131.23ft |
| RECEIVER SENSITIVITY | ≥ -65 dB |
| TRANSMITTER POWER | 3 ~ 3.5 dBm |
| RF PROTOCOL | ARC |
| RF MODULATION | FSK |
| SAFETY CERTIFICATION | TUV |
| RF CERTIFICATION | RTTE |
| ENVIRONMENTAL CERTIFICATION | ROHS |
| ELECTROSTATIC DISCHARGE | 4KV (Contact discharge)<br>8KV (Air discharge) |




| | |
|---|---|
| COLOR | WHITE |
| INDICATOR | BLUE LED |
| IP CODE | IP20 |
| WEIGHT | 0.01kg |
| | 0.022lbs |
| WORKING TEMPERATURE | -5 ~ 50 °C |
| | 23 ~ 122 °F |
| WORKING HUMIDITY | < 80% |
| STORAGE TEMPERATURE | -10 ~ 65 °C |
| | 14 ~ 149 °F |

DOS-M1702-0401-069007 v4.5 14.03.21