



Self-powered Wireless Doorbell Kits

# User's Manual



Thanks for purchasing UMOVAL wireless doorbell kits! Please read the instructions carefully before using the device and keep it for later reference. UMOVAL wireless doorbell kits are composed of push button doorbell transmitter and plug in chime receiver.

| <div>Features</div> <div>Model No.</div> | Pattern Name                     | Power Supply of Transmitter | Color |
|--|----------------------------------|-----------------------------|-------|
| UM-BELL-194-01                           | 1 Plug in Chime & 1 Transmitter  | Battery Powered             | White |
| UM-BELL-194-02                           | 2 Plug in Chimes & 1 Transmitter | Battery Powered             | White |

**Note:** Different model numbers will be packaged with different items and parts.

## 1. What’s included in the Package Box?

**1.1 The package list for the Pattern “1 Plug in Chime & 1 Transmitter” is as follows:**

- 1 x Wireless Self-powered Doorbell Transmitter.
- 1 x UMOVAL Plug-in Digital Chime Receiver.
- 1 x Double-sided Adhesive Tape for DIY Installation.
- 1 x User’s Manual.

**1.2 The package list for the Pattern “2 Plug in Chimes & 1 Transmitter” is as follows:**

- 1 x Wireless Self-powered Doorbell Transmitter.
- 2 x UMOVAL Plug-in Digital Chime Receivers.
- 1 x Double-sided Adhesive Tape for DIY Installation.
- 1 x User’s Manual.

**Note:** Please refer to your ordered SKU and check the package list exactly.





## 2. Features

### 2.1 Powerful Wireless Penetration Ability

The wireless signal can transmit through 2 Doors + 2 Walls.

The open straight-line transmitted distance can be up to 650 feet/200 meters.



### 2.2 Strong Wireless Signal

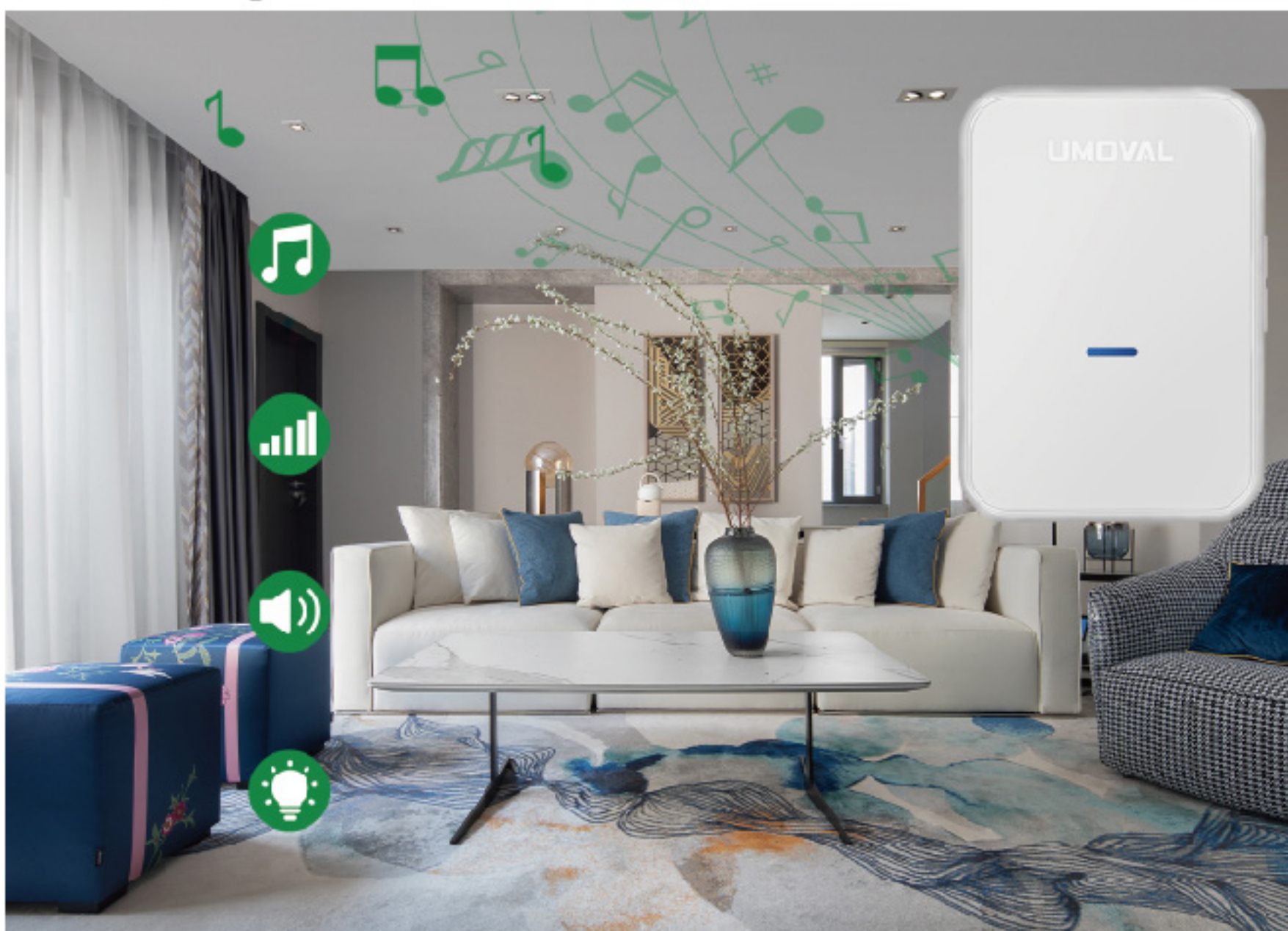
The wireless signal can be transmitted from floor 1 to 3 in your house. The doorbell transmitter is placed on the first floor, and the chime receiver can be installed on the third floor to receive wireless signals.





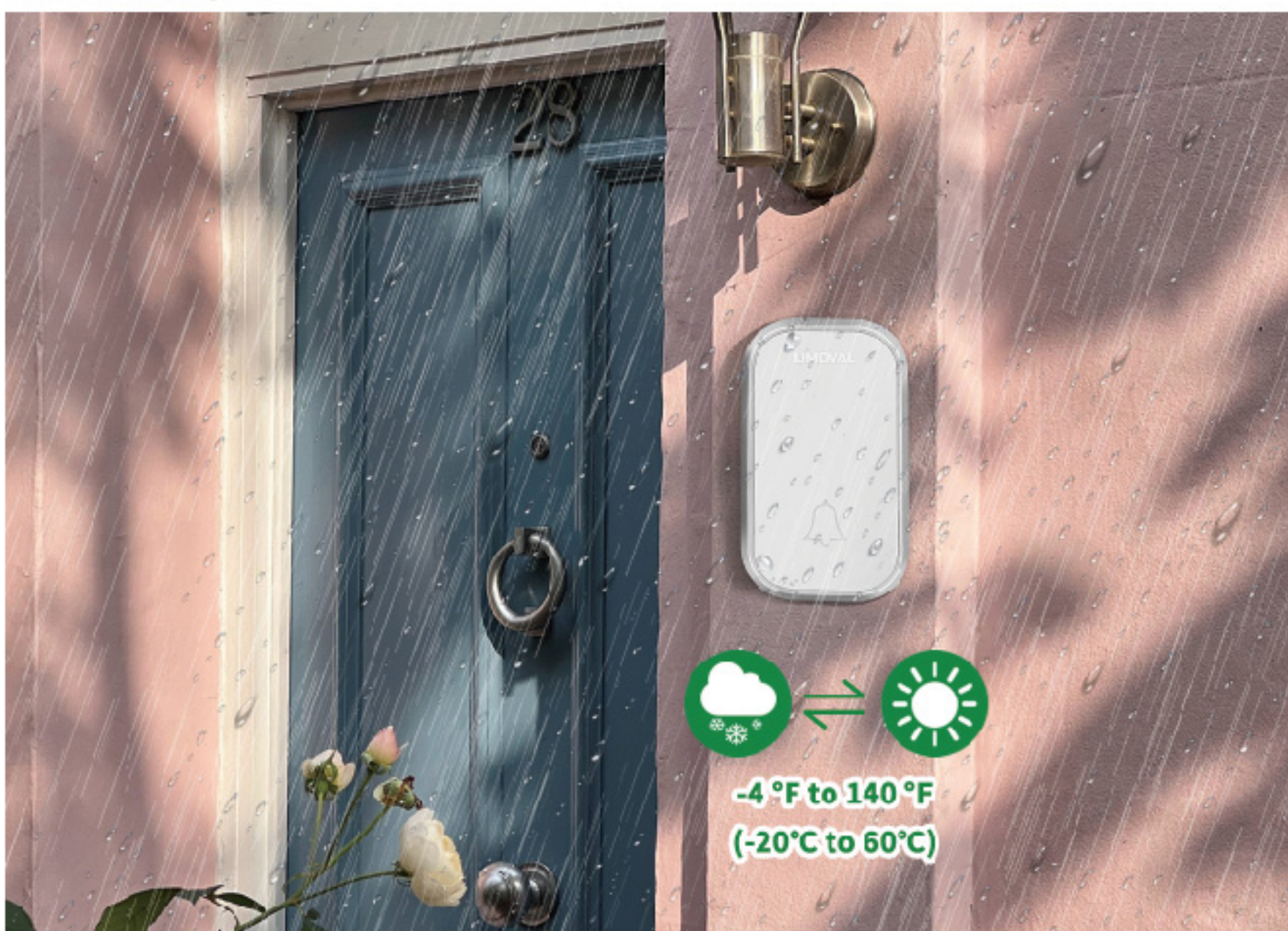
## 2.3 Create Harmonious Living Space Environment

- 52 Chimes & Tunes
- 3 Volume Choices + Silent
- 0-110 dB Sound Range
- Soft LED Indicator



## 2.4 Doorbell Operating Temperature

-20°C to 60°C or -4°F to 140°F. The doorbell can operate well in the winter during the temperature range.





## 2.5 Where is the Wireless Doorbell Applied?

- House
- Apartments
- Offices
- Warehouses
- Hotels



## 3. Plug in Chime Receiver

The plug-in chime receiver can work at wide range of voltage AC 85-265V. Please plug in any wall socket in living room, dining room, staircase or hallway areas. Bedrooms are not recommended to install the doorbell chime to avoid disturbing silent sleeping.

### 3.1 Setting Button on the Side of Chime Receiver

#### ① Volume Setting Button

Press the volume setting button continuously to choose the volume you'd like to set:

**Step 1:** Insert into wall socket and make sure it is powered by AC socket.

**Step 2:** Press for the first time to choose Loud Volume.

**Step 3:** Press for the second time to choose Medium Volume.

**Step 4:** Press for the third time to choose Low Volume.

**Step 5:** Press for the fourth time to choose Zero Volume to be Silent.



## ② Melodies Setting Button

Press the melodies setting button continuously to choose the melody you'd like to set. There are totally 52 Chimes & Tunes for your choice.



### 3.2 How to Pair Plug in Chime Receiver with Doorbell Transmitter?

The plug in chime receiver and doorbell transmitter have been paired correctly before package. It is unnecessary to pair again. However, if your receiver or transmitter have to replace or you want to pair more receivers with more transmitters, please proceed to use the Pair Settings.

**Step 1:** Insert into wall socket and make sure it is powered by AC socket.

**Step 2:** Press the volume setting button persistently over 3 seconds.

**Step 3:** Then press the transmitter push button for 2 times continuously within 30 seconds.

**Step 4:** It is paired successfully if you have heard doorbell sound. If not, please do it again.





**Note:** The volume setting button is not only a button to adjust volume, but also a button to pair receiver with transmitter.

### 3.3 Indicator Light on the Chime Receiver

The soft indicator light on plug in chime receiver will be on if any visitor or courier press the push button transmitter outdoor.

## 4. Push Button Transmitter

### 4.1 Self-powered Doorbell Transmitter

The push button doorbell transmitter is powered by itself with built-in power generation device when visitors press the button to run the signal transmitter, and no battery required all the lifetime & eco-friendly.



### 4.2 Protection Grade IP53 Doorbell

The doorbell push button transmitter is dustproof and weatherproof, but non-waterproof. And the doorbell transmitter is recommended to install on the wall indoor or outdoor with eaves or door court to extend service lifetime.





## 5. Specifications

| Item Parts                | Plug in Chime Receiver   | Doorbell Transmitter     |
|---------------------------|--------------------------|--------------------------|
| <b>Specifications</b>     |                          |                          |
| Power Supply              | Wall Socket              | Self-powered             |
| Working Voltage           | AC 85-260V               | DC 12V                   |
| Working Power Consumption | 0.25W                    | 0.20W                    |
| Working Frequency         | 433.92 MHz               |                          |
| IP Grade                  | Non-waterproof           | IP53 Weatherproof        |
| Operating Temperature     | -20 to 55°C/-4 to 131 °F | -20 to 60°C/-4 to 140 °F |

## 6. How to Install the Doorbell Correctly?

There is only one way to install doorbell push button transmitter by double-sided adhesive tape. And please insert plug in chime receiver into wall socket.

### 6.1 Install the Doorbell Transmitter by Double-sided Adhesive Tape

**Step 1:** Tear off one side of double-sided adhesive tape and stick to the back of push button transmitter.

**Step 2:** Please wipe the wall or door surface by a towel and keep it dry for installation.

**Step 3:** Then tear off the other side of double-sided adhesive tape.

**Step 4:** Please stick the back of push button transmitter to the wiped surface and press it tightly to fix.





## 6.2 Insert the Plug in Chime Receiver into Wall Socket

**Step 1:** Find a wall socket in living room, dining room, staircase or hallway areas. (Bedroom is not recommended)

**Step 2:** Insert the plug in chime receiver into the target wall socket.

**Step 3:** Then please press the Volume or Melodies Setting Button to check it.

**Step 4:** Finally please press the doorbell push button transmitter to test it.





## 7. Precautions



# Precautions!

**Precautions 1:** Please don't install the wireless doorbell transmitter on metal door or surface. Because any metal parts will have magnetic field and it will affect wireless signal transmission.

**Precautions 2:** Please don't install the doorbell transmitter and receiver nearby these appliances with electromagnetic waves, such as TV, electromagnetic oven, induction cooker, microwave oven etc. Otherwise, microwave will have bad influences on doorbell wireless signal transmission.

**Precautions 3:** Please don't install the doorbell transmitter on the position under the sunshine for a long time every day.

**Precautions 4:** The doorbell transmitter is non-waterproof but only weatherproof. Therefore, please don't install it in the open air environment, not partly or entirely open to the sky. But suggested to install on the wall indoor or outdoor with eaves or door court.

**Precautions 5:** The doorbell plug in chime receiver is not recommended to install on the bedroom to avoid disturbing silent sleeping.





## 8. FAQ



### **Question 1: Why isn't the doorbell plug in chime receiver ringing?**

**Solutions 1:** Please check whether the plug in chime receiver is inserted well or not, silent or not. Insert the plug in chime receiver to wall socket again or adjust the Volume Setting Button.

**Solutions 2:** Please check whether the distance between plug in chime receiver and doorbell transmitter is too long, or too many walls or doors between them. If yes, please reposition them to connect.

**Solutions 3:** Please check whether the doorbell wireless transmitter is installed on metal door or surface. If yes, please reposition it on non-metallic wall to have a try again.

**Solutions 4:** Please check whether the plug in chime receiver and wireless transmitter have to be paired again or not. If yes, please pair them again according to the instructions.

### **Question 2: Why is my doorbell transmitter out of work in some months?**

**Solutions:** Please check whether the doorbell transmitter is installed outdoor without any waterproof protection methods. And please contact UMOVAL customer supports team with your Warranty Card for solutions.

### **Question 3: How can I pair the doorbell transmitter with more chime receiver?**

**Step 1:** Insert plug in chime receiver into wall socket and make sure it is powered by AC socket.

**Step 2:** Press the volume setting button persistently over 3 seconds.

**Step 3:** Then press the transmitter push button for 2 times continuously within 30 seconds.

**Step 4:** It is paired successfully if you have heard doorbell sound. If not, please do it again.

**Note:** Please keep the wireless doorbell transmitter nearby the plug in chime receiver when pairing. If the wireless doorbell transmitter has been installed and not easy to pick up, please pair them with cooperation by two persons.



**Question 4:** Why can't I pair battery-powered doorbell with self-powered doorbell?  
**Reasons:** Because their PCB (Printed Circuit Board) and codes are different. Therefore, please pair battery-powered doorbell with battery-powered doorbells, and self-powered doorbells with self-powered doorbells. And same model numbers of same brand can be paired successfully.

**9. Warranty Card & Customer Supports**

UMOVAL is a trustable company and we will sincerely do customer supports for all of customers if there are any quality issues during the limited lifetime of usages.



The limited manufacture warranty lifetime is 12 months since your order date. Please send email to UMOVAL customer supports team if there are any quality issues or other inquiries by filling in the form of warranty card as below:

**Warranty Card**

|                  |  |
|------------------|--|
| Order ID:        |  |
| Order Date:      |  |
| City/Country:    |  |
| Quality Issue:   |  |
| Ideal Solutions: |  |
| Your Name:       |  |

Our customer support email address is as below:  
**[service@umoval.com](mailto:service@umoval.com)**  
Welcome to contact us by email! Thanks.



**FCC Caution:**

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.

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

**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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Thanks!

**Model No.:**

|                |                     |                |
|----------------|---------------------|----------------|
| UM-BELL-194    | UM-BELL-197-TIME    | UM-BELL-295    |
| UM-BELL-194-01 | UM-BELL-197-TIME-01 | UM-BELL-295-01 |
| UM-BELL-194-02 | UM-BELL-197-TIME-02 | UM-BELL-295-02 |
| UM-BELL-296    | UM-BELL-296-02      | UM-BELL-299    |
| UM-BELL-296-01 | UM-BELL-298         | UM-BELL-301    |