

UNIVERSAL REMOTE 628

Universal A/C Remote Control User Manual

Model: 628

1. PRODUCT OVERVIEW

The Universal A/C Remote Control, Model 628, is a versatile replacement remote designed for various air conditioning units. It incorporates a patented intelligent cool and heat function, a large LCD display for easy readability, and supports both Fahrenheit and Celsius temperature scales. This remote is equipped with 2000 codes for popular air conditioner brands, offering both digital automatic code searching and direct code input methods for setup.

Key Features:

- Easy setting and simple operation with a comfortable design.
- Digital automatic code searching function.
- Built-in clock timer with ON/OFF functionality.
- Constant room temperature display.
- Supports both Fahrenheit and Celsius temperature scales.



Figure 1: Front view of the Universal A/C Remote Control, showing its LCD screen and various function buttons.

2. SETUP AND PROGRAMMING

2.1 Battery Installation

The remote control requires 2 AAA batteries. To install, slide off the battery compartment cover on the back of the remote and insert the batteries, ensuring correct polarity (+/-). Replace the cover.

2.2 Patented Code Setup (Direct Input)

To program the remote using direct code input:

1. Find the codes from the provided code table that correspond to your equipment's brand. There may be multiple groups of codes per brand.
2. Try the first group. If it does not operate your equipment, try the second, and so on, until the remote operates your equipment correctly. For example, if the brand is ALPIN, you can choose 0252. If it does not work, please try code 0253, etc.
3. Press the "SELECT" key. The code on the LCD will flash.
4. Enter the 4-digit code. For example, to enter "0252", press the "0" key, "2" key, "5" key, and "2" key. The last number flashing, then press the "ENTER" key. The last number will stop flashing.
5. Finally, press the "ON/OFF" key. If the code "0252" stops flashing, the code entry is complete. The remote control confirms the code automatically, and you can use the numeric key normally. You can now operate your air conditioner.
6. After the air conditioner can use the function keys, if they do not work well, please choose the next group of code until all the functions can work. The remote control is 2000 codes in one, so it is invalid when the code is greater than 1999.

2.3 Auto-Search Code Setting

If you do not know the brand of your air conditioner, or if your brand is not listed in the code table, follow these steps:

1. Put the remote control on your air conditioner. Press the "SELECT" key for 5 seconds and then release. The remote control enters the auto-search status, emitting a signal continuously. The code flashes and increases. While the air conditioner receives the signal, and sends one buzzer, press any key to confirm.
2. Try other function keys. If they do not work, repeat the above steps until it is correct.

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Universal A/C Remote Control

Brand	Model Code
ALPIN	0252, 0253, 0764, 1277, 1789
AUCMA	0288-0296, 0462, 1313, 1998
AUX	0297-0300, 0451, 0812, 1987
BANSHEN	0264, 1288, 1800
BOERKA	0383, 0434, 0436, 0437, 1407, 1972
CARRIER	0203-0209, 0456-0458, 0482-0486
CHANGHONG	0301-0308, 0813, 1843
CHIGO	0379-0382, 1403, 1916
CHOFU	0184-0187, 1209, 1723
CHUNLAN	0345-0350, 0450, 0453, 1373
CORONA	0155-0163, 0459, 1180, 1995
CONROWA	0377, 1401, 1913
CONSUL	0463, 0975
DAEWOO	0203-0209, 0406, 0715, 1942
DAIKIN	0171-0183, 0685, 1707
DOCTOR	0221, 0449, 1245, 1985

Brand	Model Code
LITTLE DUCK	0015-0020, 0530, 1043
LOREN-SEBO	0255, 0471, 0472, 0767
MACQUAY	0234-0237, 0465, 0746, 1773
MICOM	0415, 0927, 1951
MIDEA	0260-0265, 1289, 1976
MITSUBISHI	0001-0045, 0476-0479, 1502
NORITZ	0431, 1455
PANASONIC National	0138-0154, 0483, 0653, 1507
PANDA	0378, 0890
PHILCO	0210, 0211, 0487, 0488, 1746
PROTON	0421-0423, 0933, 1958
RAYBO	0362-0367, 1386, 1898
ROWA	0369, 0438, 0439, 1393
Sabro	0435, 0506-0508, 1018, 1971
SALUD DENKI	0212, 0215, 0704, 1750

DONGBAO	0355-0361, 1385, 1891	SATOU DENKI	0212-0215, 0724, 1750
DONGXINBAO	0413, 0925, 1654	SAMPO	0424-0426, 1448, 1961
Electrolux	0216-0220, 1245, 1752	SAMSUNG	0188-0196, 0700, 1726
FRESTECH	0277, 0789	SANYO	0046-0095, 0558, 1582
FUJITSU	0127-0137, 0464, 1152	SASUKI	0254, 0470, 0766, 1494
FUNAI	0430, 0481, 1505, 1966	SHANGLING	0384-0388, 0444, 0445, 1980
GALANZ	0371, 0372, 0883, 1908	SHANXING	0392, 0449, 1416, 1985
General	0128-0136, 0639, 0976, 1161	SHARP	0096-0106, 0609, 1640
GUQIAO	0244, 0291, 1268, 1827	SHENGFENG	0376, 0480, 1504, 1912
GLEE	0398, 0399, 0910, 1935	SHINCO	0351-0354, 0454-0456, 1887
GOLDSTAR	0201, 0466-0469, 0979, 1737	SHUANGLU	0376, 0404-0407, 0480, 1941
GREE	0309-0316, 0482, 0512, 0513	SHUAIKANG	0288, 0800
HAIER	0266-0272, 0453-0455, 0778	SONGGE	0428, 0429, 1453, 1964
HISENSE	0332-0335, 0847, 1359, 1868	SOVA	0409, 0410, 0921, 1434
HITACHI	0118-0126, 0630, 1145	SUMMER	0427, 1451
HUABAO	0336-0344, 1360, 1878	SUNDURG	0257, 0505, 1017, 1793
HUAKE	0408, 0920, 1944	SWAN	0434, 0946
HUAMEI	0402, 0460-0465, 1426, 1999	TADIRAN	0246-0251, 0758, 1275
HUALING	0317-0325, 0452, 0964	TATUNG	0419, 0420, 0932, 1955
HUIFENG	0370, 0882	TCL	0273-0281, 0786, 1305
HUIKANG	0368, 0441-0443, 1392, 1979	TECO	0256, 0473-0475, 1792
HYUNDAI	0202, 0433, 0480, 1226, 1969	TIANDI	0415, 1439
JDC	0373, 0440, 0952, 1909	TOSHIBA	0107-0117, 0489, 1001, 1643
JIANGNAN	0432, 1456	TRANE	0227-0232, 0739, 1768
JINDA	0414, 0926, 1950	UNI-AIR	0222-0224, 0450, 0734, 1986
JINSONG	0389-0391, 0446-0448, 1984	Wan bao	0138-0152, 0666, 0995, 1177
JOHSON	0245, 0492, 1269, 1516	WEILI	0393-0396, 0907, 1420, 1929
KANGLI	0374, 0375, 1399, 1910	Whirlpool	0164-0170, 0502, 0677, 1760
KELON	0282-0287, 0473, 0485-0488	WINIA	0481, 0993
KLIMATAIR	0225, 0226, 0452, 0737, 1761	XILENG	0411, 0412, 0924, 1947
KOLIN	0416-0418, 1441, 1952	XINLE	0400, 0401, 0913, 1425, 1936
KONKA	0397, 0457-0459, 1933	YANGZI (YAIR)	0403, 0915
LG	0197-0200, 0514, 1026, 1733	YINYAN	258, 259, 326-331, 0838
LIANGYU	0233, 0451, 0745, 1257	YORK	0238-0243, 0750, 1266
		Zhen bao	0129-0137, 1151, 1488, 1664

Figure 2: Example of a code list for various A/C brands, used for direct code input programming.

3. OPERATING INSTRUCTIONS

3.1 Basic Functions

The remote control features standard buttons for common air conditioner functions:

- **ON/OFF:** Powers the air conditioner on or off.
- **MODE:** Cycles through operating modes (e.g., Cool, Heat, Fan, Dry, Auto).
- **FAN:** Adjusts fan speed.
- **TEMP ▲/▼:** Adjusts the temperature setting up or down.
- **SWING:** Controls the horizontal louver movement.
- **VANE:** Controls the vertical louver movement.
- **SLEEP:** Activates sleep mode for energy-saving operation.

3.2 Clock Setup

1. Press the "CLOCK" key. Clock signal flashes.
2. Press "TIME +/-" key to adjust to the current time.
3. Press the "CLOCK" key again. Clock signal stops flashing, the time setting finishes. (If you do not press the "CLOCK" key, it also finishes automatically after 15 seconds).

3.3 Timer On

1. Press the "TMR ON" key. The time on the LCD flashes.
2. Press "TIME +/-" key. Adjust the time when you want to make the air conditioner turn on automatically.
3. Time ON will stop flashing after 15 seconds. Setting is complete.

3.4 Timer Off

1. Press the "TMR OFF" key. The time on the LCD flashes.
2. Press "TIME +/-" key. Adjust the time when you want to make the air conditioner turn off automatically.
3. Time OFF will stop flashing after 15 seconds. Setting is complete.

3.5 Intelligent Cool and Heat Functions

In summer, press the "I.COOL" key. Only the air conditioner will be cooled immediately. In the winter, press the "I.HEAT" key. Only the air conditioner will be heated immediately. In both status, the air conditioner will let the heating and cooling in a comfortable temperature automatically, and the fan and swing are all automatic. At the same time, it also can adjust the temperature by "Temp +/-" key to meet all your requires. These two intelligent keys are very good for the children and the old.

3.6 Temperature Unit Conversion

The "C/F" key can convert the display between Fahrenheit and Celsius degrees.

4. MAINTENANCE AND CARE

4.1 Battery Replacement

When the remote control's display becomes dim or unresponsive, it is time to replace the AAA batteries. Always replace both batteries at the same time with new ones.

4.2 General Attention

If the remote is not used for a long time, remove the battery to avoid battery leakage. Leakage of the battery may damage the machine. When the LCD screen is dim, please change the battery. (New and old batteries can not be mixed together). After the batteries are replaced every time, it is not necessary to set the model code again.

Check carefully that there is no remote between the remote controller and air conditioner when the remote doesn't work. Because the operation is effective only when the air conditioner receives the timer on/off signal from the remote controller.

The manufacturer keeps the right to change the parameter and function of the product.

5. TROUBLESHOOTING

5.1 Compatibility Limitations

- This remote control **does not work with window or portable air conditioners**
- It is also not compatible with Carrier Airv RV rooftop systems.
- Although your brand may be listed in the code table, it may not always work with every specific model of that particular brand. If this occurs, please consider returning the product for a refund.

5.2 Programming Issues

NOTE:

1. If the press "TMR ON" or "TMR OFF" key twice, the timer is cancel.
2. After timer setting is finished, you should make the remote control's emit directs to your air conditioner, avoiding locations where cable and other things block the signal.
3. If you want to watch the time of timer, you should press the "TMR ON" or "TMR OFF" key. The LCD will display the time of the timer and after 5 seconds it will display the current time.

628 Universal A/C remote control user's Guide

Product Description

KT-628 is a new product with the patent of code setting which is invented by our engineers. You can input the numeric keys (0-9) for the code required directly, visual and convenient, quick and efficient. It has clock accurate, timer on and off, room temperature display, conversions between Celsius and Fahrenheit degree, code memory and also has unique function of "intelligent cooling" "intelligent heating". So it is your best choice.

Please read this manual carefully before using, which will be a great help for you to use the remote control.

The remote control can be used after setting. Pull side cover of remote control down, put 2 AAA (VM-4, R03) batteries as per polar indicated on battery cabin.

Patent code set up

1. Find out the codes from code table, there are many groups codes of each brand. Please try the first group, if it does not operate your equipment, try the second, and do it like this until the codes can operate your equipment. Ex: ALPIN, you can choose 0252, if it does not work, please try the 0253 etc.
2. Press the "S" key, the code on LCD will flash. Enter the 4 digit code in turn. Ex: "0252", press the "0" key, "0" stop flashing, the last three numbers flashing, then press the "2" key, the last two numbers flashing, and press the "5" key, the last number flashing, finally press the last number "2", all of the 4 digit code "0252" stop flashing, code entry is now complete. The remote control confirms the code automatically, and you can use the numeric key normally. You can operate your air conditioner now.
3. After the air conditioner on, try other function keys, if they do not work well, please choose the next group of code until all the functions can work. The remote control is 2000 codes in one, so it is invalid when the code greater than 1999.

Auto-search code setting

If you do not know the brand of your air conditioner, or if your brand is not listed in the code table, please operate as per following steps:

1. Put the remote control aim at your air conditioner, press the "S" key for 5 seconds and then release, remote control is entering the auto-search status, emit the signal continuously, the code flashes and increases. While the air conditioner receives the signal, and send one buzzer, press any key to confirm.
2. Try other function keys, if they do not work, repeat above steps until it is correct.

Using of "I.COOL" "I.HEAT"

In the summer, press the "I.COOL" key only, the air conditioner will be cooled immediately. In the winter, press the "I.HEAT" key only, the air conditioner will be heated immediately. In both status, the air conditioner will let the heating and cooling in a comfortable temperature automatically, and the fan and swing are all automatic. At the same time, it also can adjust the temperature by "Temp.+" "Temp.-" keys as your requires. These two intelligent keys are very good for the children and the old.

Clock set up

1. Press the "clock" key, clock signal flashes.
2. Press "Time +/-" key, adjust to the current time.
3. Press the "clock" key again, clock signal stop flashing, the time setting finish.

(If you do not press the "clock" key, it also finishes automatically after 15 seconds)

Timer on

1. Press the "TIMER ON" key, the time on LCD flashes
2. Press "TIME +/-" key, adjust the time when you want to make the air conditioner turn on automatically
3. Time on LCD will stop flash after 15 seconds. Setting is complete

Timer off

1. Press the "TIMER OFF" key, the time on LCD flashes
2. Press "TIME +/-" key, adjust the time when you want to make the air conditioner turn off automatically
3. Time on LCD will stop flash after 15 seconds. Setting is complete

NOTE

1. If press the "TIMER ON" or "TIMER OFF" key twice, timer is cancel.
2. After timer setting is finished, you should make the remote control's emit directs to your air conditioner's receiving location in available distance. If not, it can not work.
3. If you want to watch the time of timer, you should press the "TIMER ON" or "TIMER OFF" key, the LCD will display the time of timer and after 5 seconds it will display current time.

Conversions between Celsius and Fahrenheit degree

Press the "C/F" key can convert the display between Fahrenheit and Celsius degree.

Attention

1. If it is not used for a long time, remove the battery to avoid leakage liquid of the battery to damage the machine. When the LCD looks dim, please change batteries. (New and old batteries can not be used together) After the batteries are replaced every time, it is not necessary to set model code again.
2. Check carefully that there is no remora between remote controller and Air conditioner when the time on/off doesn't work. Because the operation is effective only when the air conditioner receives the timer on/off signal from remote controller.
3. The manufacturer keeps the right to change the parameter and function of product.

Technical Parameters

Controllable distance : Large than 8 meters
Power supply voltage: DC 3 V
Battery model: Battery AAA(UM-4, R03)×2
Dimension: L160mm×W60mm×D27mm
Weight: Approx 93g(excl.the batteries)

Figure 3: Excerpt from the user guide, detailing setup, operating, and troubleshooting information.

6. SPECIFICATIONS

Parameter	Value
Controllable Distance	Larger than 8 meters

Parameter	Value
Power Supply Voltage	DC 3V
Battery Model	Battery AAA (UM-4, R03) x 2
Dimension	L160mm x W60mm x D27mm
Weight	Approx 93g (excluding batteries)
Package Dimensions	9 x 4 x 3 inches
Color	Ivory
Special Feature	Clock, Portable
Max Number of Supported Devices	1
Compatible Devices	Air Conditioner

7. WARRANTY AND SUPPORT

Information regarding product warranty and customer support details is not available in the provided documentation. Please refer to the product packaging or contact the retailer for further assistance.