

FavorCOOL FC-2988E

FavorCOOL Universal AC Remote Control (Model: FC-2988E) Instruction Manual

1. INTRODUCTION

Thank you for choosing the FavorCOOL Universal AC Remote Control. This remote is designed to provide a convenient and efficient way to manage your air conditioning unit. It features a large LCD display, comfortable silicone buttons, and a built-in LED flashlight. This remote is compatible with over 292 brands of central and mini-split air conditioners, offering a versatile replacement for lost or damaged original remotes.

2. PRODUCT FEATURES

- **Universal Compatibility:** Works with over 292 brands of central and mini-split air conditioners.
- **Large LCD Display:** Easy-to-read backlit screen for clear visibility in all lighting conditions.
- **Ergonomic Design:** Crafted from durable ABS material with comfortable, sensitive silicone buttons.
- **LED Flashlight:** Integrated LED light for convenience in low-light environments.
- **Multiple Modes:** Supports various operating modes including cooling, heating, fan, and automatic.
- **Timer Function:** Set on/off timers for automated operation.

LCD LUMINOUS DISPLAY

Extra large backlit screen for clear display at all times.

SILICONE BUTTONS

Adopt high elasticity ergonomic design, comfortable and wear-resistant key feel.

ENVIRONMENTALLY FRIENDLY MATERIAL

ABS environmentally friendly material, drop-resistant and tough.



NO NEED TO SET UP



MEMORY FUNCTION



SILICONE BUTTONS



ABS MATERIAL



LCD DISPLAY



LED FLASHLIGHT



Figure 1: Key features of the FavorCOOL Universal AC Remote Control, including its LCD display and button design.

NIGHT LED FLASHLIGHT FUNCTION

Heating/cooling/cooling/heating/timing/sweeping air
Keeping the room controlled at a comfortable range for people

8-12 Meters Linear
Infrared Sensing



Sleep Mode

Reduce the
Consumption
of Energy

Environmental
Protection

Figure 2: The remote control demonstrating its night LED flashlight function and infrared sensing range.

3. PACKAGE CONTENTS

The package includes:

- 1 x FavorCOOL Universal AC Remote Control (Model: FC-2988E)
- 1 x Instruction Manual

Note: 2 AAA batteries are required and are not included.

PRODUCT DIMENSIONS

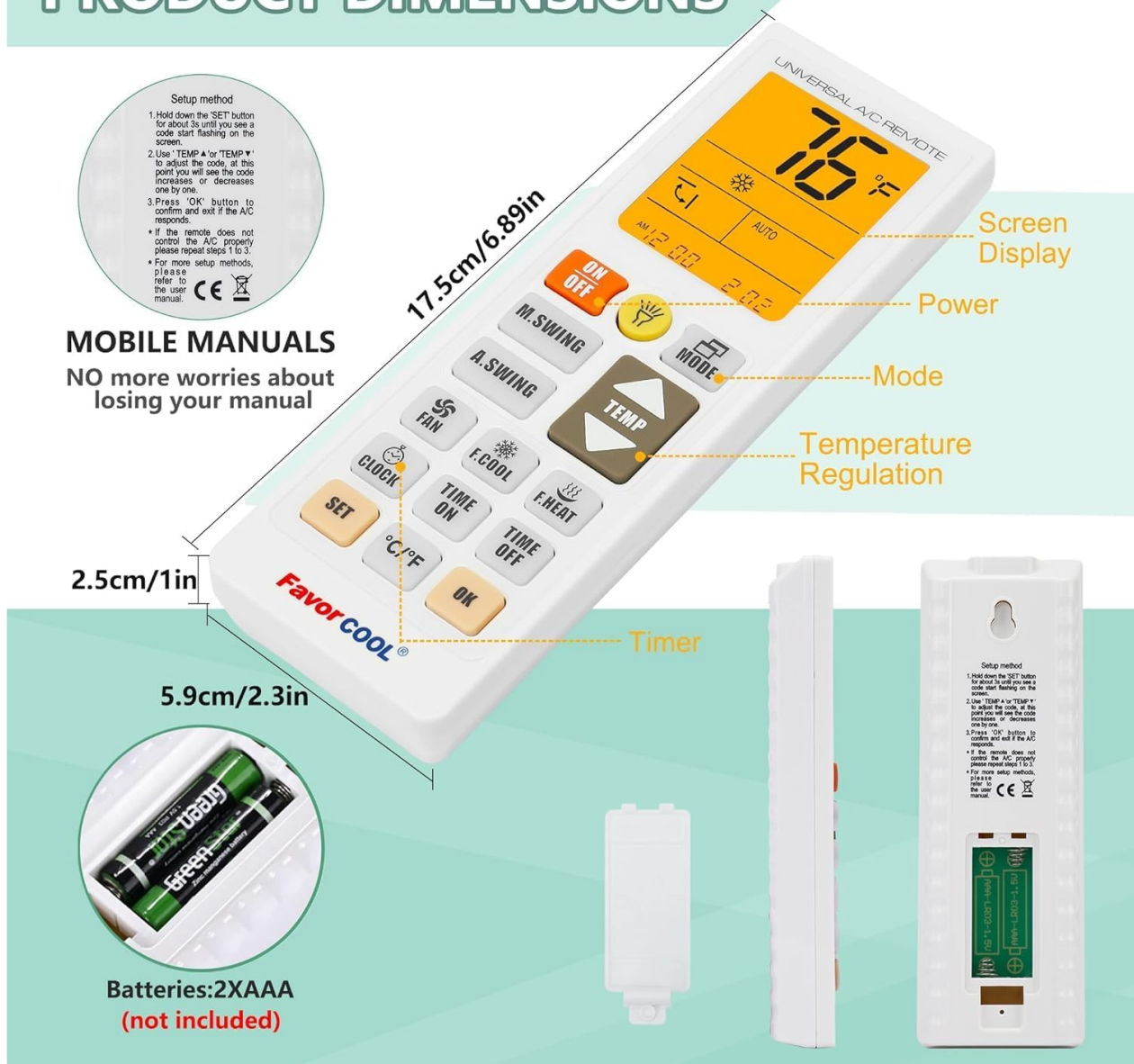


Figure 3: Overview of the remote control, illustrating its dimensions and the location of the battery compartment.

4. BATTERY INSTALLATION

To install batteries:

1. Slide open the battery cover located on the back of the remote control (refer to Figure 3).
2. Insert two (2) AAA batteries, ensuring correct polarity (+/-).
3. Close the battery cover securely.

5. SETUP AND PAIRING

The FavorCOOL Universal AC Remote Control can be paired with your air conditioner using either automatic code search or manual code entry.

5.1. Automatic Code Search

1. Ensure your air conditioner is powered off.
2. Point the remote control towards your air conditioner.

3. Press and hold the **SET** button for approximately 5 seconds until the code on the LCD display starts flashing.
4. Release the **SET** button. The remote will now automatically search for the correct code, sending signals to your AC unit.
5. When your air conditioner responds (e.g., turns on, beeps), immediately press the **OK** button to confirm the code.
6. Test all functions of the remote control to ensure proper operation. If some functions do not work, repeat the process to find an alternative code.

5.2. Manual Code Entry

1. Locate your air conditioner brand in the provided code list (refer to Figure 4). Note down the corresponding 3-digit code(s).
2. Ensure your air conditioner is powered off.
3. Press and hold the **SET** button for approximately 5 seconds until the code on the LCD display starts flashing.
4. Use the **TEMP+** or **TEMP-** buttons to input the 3-digit code for your brand.
5. Once the code is entered, press the **OK** button to confirm.
6. Test all functions of the remote control. If some functions do not work, try the next code for your brand or repeat the process with a different code.

CODE

A		
ACSON	980.	
ADC	861.	
AERMEC	000,020-039,600-609,720-739.	
AICSON	040-059.	
AIDELONG	293-295.	
AIRTEK	775-779.	
AIRWELL	00,020-039,180-199,230-239,500-550,860,900,926,982,296-297.	
AITE	296-297.	
AKIRA	796-797.	
ALPIN	989-991,998.	
AMCOR	501,508,509,532,973,978,979.	
AMICO	982.	
AMSTRAD	001-019,140-149,775-779.	
APTON	862.	
ARCO-AIR	140-149.	
ARGO	000,020-039,230-239,232.	
ARISTON	000,020-039,040-059,230-239.	
ASHITA	140-149.	
ASR	000,020-039.	
AUCMA	210-229,933,967.	
AURORA	040-059.	
AUX	180-199,280-284,287,600-808.	
AZUKI	001-019.	
B		
BALTUR	600-609.	
BEUJINGDIAN	304.	
BEKO	000-059,180-199,882.	
BENT	080-099,120-149,230-239.	
BIG-THUMB	331.	
BLUE STAR	057,550,887.	
BOERKA	210-229,933,967.	
BORLER	307.	
BOSHI	310.	
BOSHIGAO	308-309.	
BOVIN	290.	
BREEZE	080-099.	
C		
CAIXING	311.	
CARRIER	040-059,599,690-699,890-899.	
CASARTE	908.	
CHANGFENG	190.	
CHANGFU	835-838,874,907.	
CHANGHONG	059-079,304-311,319,934,947.	
CHANGLING	312-320.	
CHIGO	80-099,245.	
CHUANGHUA	327,328.	
CHUANYAN	861.	
CHUNLAN	170-179.	
COLROLLA	861.	
COMBINE	994.	
CONROWA	337-341.	
CONSUL	993.	
CORONA	760-769.	
CROWN	861.	
D		
DAEWOO	332-333.	
DAIKIN	740-759.	
DAITSU	000-059,230-239,600-609.	
DAJINXING	329-330.	
DAKE	861.	
DAOTIAN	821-824.	
DELCHI	890-899,890-899,979.	
DELONGHI	000-039,120-149,108,469,900,822,960,968,984.	
DIY	044,090,092,095.	
DOCTOR	002,060,310,596,939.	
DONGXIA	334-335.	
DONGXINBAO	260-269.	
DONGYANG	357,360.	
HUIFENG	DUNAN	336.
E		
ECO AIR	000,020-039.	
ECOFAMCLMA	546.	
EKOKAI	000,020-039.	
ELBA	439.	
ELCO	982.	
ELDLONG	293-295,861.	
ELECTER	981-986.	
ELECTRA	000,020-039,180-199,230-239,500.	
ELECTROLINE	088.	
ELECTROLUX	020-039,250,471-474,807,808,906,950.	

ELECTROLUX		020-039,250,471-474,807,808,906,950.
EMAILAIR		020-039,180-199,500-550,860.
F		
FANAI	000,020-039.	
FANTINI COSMI	000,020-039.	
FEDDERS	878,929,938,939,964.	
FEIEDRICH	879.	
FEIYU	829,830,821.	
FEILU	240-246,248,249,413.	
FER-FERROLITI	000-059,133,230-239.	
FERBOLT	901.	
FIRST	864.	
FRESTECH	270-279,944,945.	
FUJITECH	120-149.	
FUJITHERNA	000,020-039.	
FUJITSU	257,700-719.	
FUNAI	245,248,258,267.	
FUNIKI	992.	
G		
GALANZ	124-129,134-149,936-940.	
GEER	342-343.	
GENERAL(GE)	288,700-719,966.	
GFORCE	063,064,848.	
GMCC	090,807,906.	
GOLDSTAR	132,195,303,332,699,838.	
GOODWEATHER	827.	
GREE	000,020-039,247,255,256,263,265,266,269,099.	
GUANGDA	345-346.	
GUANYUAN	997.	
GUQIAO	344.	
H		
HAIER	001-019,908.	
HELTON	863.	
HEMILTON	095.	
HERMANN	001-019,040-059,080-099.	
HICON	391-392.	
HISENSE	230-239,065,320,646,650,913,927.	
HITACHI	640-659,320.	
HOKKAIDO	040-059,080-099.	
HONGYI	347.	
HOWELL	040-059,080-099.	
HUABAO	100-109,348,819,980.	
HUAGAO	348.	
HUAKE	349-350,690.	
HUALING	150-169,045,086,917,281.	
HUAMEI	353.	
HUANGHE	351-352,225,229,482,656,698,818.	
HUAWEI	354-357,360.	
HUIFENG	088,892,823,824,951.	
HUIKANG	780-789,171,174.	
HYUNDAI	475-483,826,858,859,910,923.	
INYCIN		
J		
JDC	227,244,653,820,967.	
JIALE	358.	
JIANGNAN	359.	
JINBEIJING	361-362.	
JINDA	491-492.	
JINSONG	363-365,270,370.	
JINSTAR	360.	
JOHNSON	282,681,976.	
JUHUA	969.	
K		
KANGLI	368-370.	
KELONG	110-119,230-239,914.	
KLIMATAIR	797,798,799,800.	
KOMECCO	040-059,080-099,140-149.	
KONKA	366-367.	
KRIS	804,805.	
KTY001	285.	
KTY002	286.	
KTY004	288.	
L		
LEADER	921,971,973,994.	
LENNOX	000,020-039.	
LENOIR	080-099,120-149,230-239.	
LG	600-609.	
LIANGYU	780-789.	
LILYTECH	386-387.	
LILYTECH	918.	
LITTLEDUCK	454-456.	
LITTLESWAN	453,913,927.	
LONGHE	861.	
LOREN SEBO	098,099,194,801-803,980,990,194,801-803.	

M		
MAKATOMY	080-099.	
MARIANICILMA	001-019,600-609.	
MQUAY	790-795,151,698,774,937,952.	
MEILING	388-391.	
MI	321,322,324.	
MICOM	035.	
MIDEA	040-058,289,298-302.	
MIDEA	041.	
MINGXING	290.	
MITSUBISHI	551-599,827,909.	
MITSUKA	904.	
MITSUSHITO	000,020-0039.	
N		
NATIONAL	660-689,038,223,241,902,970.	
NEC	500-550,860,943,946.	
NIKKO	810-811.	
NISO	398-399,497.	
NORCA	994.	
NOTRIZ	858,923,963.	
O		
OGENERAL	659,717,718,719.	
OLYMPIA	110-119,180-189,230-239,824.	
SPLENDID	239,824.	
OLYMPUS	995-996.	
OPAL	997.	
P		
PANASONIC	660-689,122,902,970.	
PANDA	464-466.	
PEREC	998.	
PHILCO	001,108,110,907.	
PILOT	902.	
PINSHANG	299.	
PROTON	018,082,086,140,766,940.	
PUYI	862.	
Q		
QIXING	393.	
R		
RASONIC	970.	
RAYBO	371-383.	
RESTPOINT	090.	
RHOSS	547,903.	
RICAL	844.	
RIELLO	844.	
RIJANG	395-397.	
ROADSTAR	140-159.	
ROWA	383-385,038,101,811,928.	
S		
SABO	161,197,240,235,866.	
SACON	414.	
SAIJODENKI	816.	
SAIJODENKI	390,812,813,816.	
SAMSUNG	610-629,202,361,914.	
SANYO	500-550,840,841,860,869-871,873,876,916,920,924,943,946.	
SANZUAN		190.
SAPORO	861.	
SASAK	195,820,911,912.	
SAST	450-452.	
SENSOR	860.	
SERENE	499.	
SHAMEI	400.	
SHANGLING	403-409,080,088,245.	
SHANXING	401-402.	
SHANYE	862.	
SHARP	720-739,112,240,249,257,258,264,267,404,641,917,919.	
SHENBAO	410-411.	
SHENBAO	410-411.	
SHENGFENG	412,413.	
FEILU		
SHINCO	200-209,006,012,151,378.	
SHINELCO	180-189.	
SHINING	415.	
SHUAIKANG	117,213.	
SHUANGLU	416-418,786,797,946,948.	
SIGMA	447.	
SKYWORTH	325,326,877.	
SOGO	291.	
SONGGE	226,868,925.	
SONGLINXIA	862.	
SONGXING	419.	
SOVA	101,102,292,420,811,980.	
SOWA	862-863.	
SOYEA	421-422.	
SPEED	987.	
SPLENDID	824.	

SRTC		423.
STARIGHT-AIRCON		880.
SUMMER	859,910,980.	
SUNBURG	817-820,235.	
SUNDRNG SWAN	260,268,804.	
	439,866,913,914.	
T		
TADAIRAN	501,508,509,532,630,969,978,979,991.	
TADIRAN	018,969,978.	
TAIYA	862.	
TASAKI	000,020-039,775-779.	
TATUNG	037,158,242,243,664,686,867.	
TCL	120-133,088,108,110,162,497,556-558,598,850-859,805.	
TEAC	850-859,805.	
TECON MASTERS	3351-539.	
TECO	015,046,057,180,184,831-834,914.	
TIANDI	035,608.	
TIANJI	424.	
TIANJI		
KONGTIAO	425-428.	
IANYUAN	250-268,915.	
TOBO	429-430.	
TONGLI	630-639.	
TOSHIBA	630-639.	
TOTALINE	548.	
TOYO	825-828.	
TRANE	551-599,812-816,922.	
U		
UNIAR	836,009.	
UNI-AIR	368-369,009,836.	
UNICAL	000,020-059.	
UTTLEDUCK	454-456,909.	
V		
VAILLANT	000-059,140-149,080-089.	
VIDEOCON	597,627,628,629,884.	
VKB	180.	
VOLTAS	056,057,549,598,609,627,628,629.	
VORTICE	000,180,020-039.	
VORTIS	080-099,120-139,230-239.	
W		
WANBAO	431-433.	
WANGZI	861.	
WEIL	434-443,553-576.	
WEITELI	444.	
WHIRLPOOL	000,020-059,080-099,119,550-599,770-774,739.	
WINIA	246,248.	
WUFENG	445-446.	
X		
XILENG	448-449.	
XINGHE	462-463.	
XINHUABAO	290.	
XINLE	457-460.	
XINLING	461.	
XIONGDI	862.	
Y		
YAIR	013-015,044,467-471.	
YAOMA	470,977.	
YIDONG	499.	
YONGXIN	918.	
YORK	775-779.	
YUETU	881-882,949.	
YUTU	484-490.	
Z		
ZEPHIR	108.	
ZHONGYI	493-494.	
ZUODAN	495.	
O		
OTHER	496,498,821-828,839-849,865-876,905-976,999.	

Figure 4: Partial view of the extensive code list for various air conditioner brands.



Figure 5: The remote control's broad compatibility with various air conditioner brands.

5.3. Setup Videos

Video 1: This video demonstrates the setup process for a Universal Air Conditioner Remote Control, specifically for R51 Series units. It shows how to power on the remote and initiate basic functions.

Video 2: This video provides instructions on how to set up a Universal Air Conditioner Remote Control for a Daikin AC unit. It covers the steps to pair the remote with the air conditioner.

6. OPERATING INSTRUCTIONS

Once paired, use the following buttons to control your air conditioner:

- **ON/OFF:** Powers the air conditioner on or off.
- **MODE:** Cycles through operating modes (Cool, Heat, Fan, Dry, Auto).
- **TEMP ▲/▼:** Adjusts the temperature setting.
- **FAN:** Changes the fan speed (Auto, Low, Medium, High).
- **M.SWING/A.SWING:** Controls the horizontal and vertical swing of the air deflector.
- **TIME ON/TIME OFF:** Sets the timer for automatic power on/off.

- **CLOCK:** Sets the current time.
- **LED (Flashlight):** Activates the built-in LED flashlight.

The large LCD display will show the current temperature, mode, fan speed, and other active settings.

7. MAINTENANCE

- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Battery Replacement:** Replace batteries when the display becomes dim or the remote's range decreases. Always replace both batteries at the same time.
- **Storage:** If the remote will not be used for an extended period, remove the batteries to prevent leakage. Store in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your remote control, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Remote not working or poor response.	Low batteries, incorrect code, obstruction.	Replace batteries. Re-perform setup and pairing. Ensure no obstructions between remote and AC unit.
Some functions do not work.	Incorrect code, AC unit limitations.	Try another code from the code list. Some advanced functions may not be supported by all AC models.
LCD display is dim or blank.	Low batteries.	Replace batteries.

9. SPECIFICATIONS

- **Model Number:** FC-2988E
- **Product Dimensions:** 9.84 x 4.72 x 1.5 inches
- **Item Weight:** 5.3 ounces
- **Power Supply:** 2 x AAA Batteries (not included)
- **Controllable Distance:** Up to 8-12 meters (infrared sensing)
- **Compatible Devices:** Air Conditioner (Central and Mini-Split)

10. WARRANTY AND SUPPORT

The FavorCOOL Universal AC Remote Control is designed for reliability. If you have any questions about your order, model compatibility, or require assistance with setup or operation, please contact FavorCOOL customer support directly. We aim to respond to inquiries within 12 business hours on business days.

Please retain your proof of purchase for any warranty claims.