

CHUNGHOP KT-N898

CHUNGHOP KT-N898 Universal Air Conditioner Remote Control User Manual

Model: KT-N898

1. PRODUCT OVERVIEW

The CHUNGHOP KT-N898 is a universal air conditioner remote control designed to operate a wide range of air conditioning units from over 2000 brands. It features a large LCD screen for clear display, comfortable handling, and functions such as digital automatic code searching, built-in clock, on/off timer, and night illumination.

Note: This remote control is not suitable for window or portable air conditioners.



Image 1.1: Front view of the CHUNGHOP KT-N898 Universal Air Conditioner Remote Control, displaying its LCD screen and primary buttons.

2. GETTING STARTED

2.1 Battery Installation

The remote control requires two AAA (R03) batteries. Ensure correct polarity when inserting.

1. Locate the battery compartment cover on the back of the remote control.
2. Slide the cover downwards to open the compartment.
3. Insert two AAA batteries, matching the positive (+) and negative (-) terminals as indicated inside the compartment.
4. Slide the cover back into place until it clicks securely.



Image 2.1: Back view of the remote control, illustrating the battery compartment and wall mount bracket.

2.2 Remote Control Layout

The remote features a clear LCD display at the top, showing temperature, mode, fan speed, and timer settings. Below the display are the main control buttons, which become visible when the sliding cover is moved down.



Image 2.2: The CHUNGHOP KT-N898 remote control with its sliding cover retracted, revealing the full button panel for various functions.

3. PROGRAMMING THE REMOTE CONTROL

Before using the remote, it must be programmed to control your specific air conditioner unit. There are two methods: Manual Code Entry and Automatic Code Search.

3.1 Manual Code Entry

This method requires you to find the specific 4-digit code for your air conditioner brand from the provided code table.

1. **Identify Code:** Refer to the code table (Image 3.1) to find the codes corresponding to your air conditioner brand. There may be multiple codes listed for a single brand. Start with the first group of codes.
2. **Enter Programming Mode:** Press the "SELECT" key. The 4-digit code on the LCD will begin to flash.
3. **Input Code:** Enter the 4-digit code using the numeric keys (0-9) in sequence. For example, if the code is "0252":
 - Press "0". The first digit will stop flashing, and the remaining three digits will flash.
 - Press "2". The next digit will stop flashing, and the remaining two digits will flash.
 - Press "5". The next digit will stop flashing, and the last digit will flash.
 - Press "2". All four digits of the code "0252" will stop flashing.

The remote control will automatically confirm the code.

4. **Test Functionality:** Turn on your air conditioner and test various functions (e.g., power, temperature, mode). If all functions work correctly, the programming is complete.
5. **Try Next Code:** If the air conditioner does not respond or functions do not work well, repeat steps 2-4 with the next group of codes for your brand until full functionality is achieved.

Important: The remote control supports codes up to 1999. If a code is larger than 1999, it is invalid for this device.

KT-N898 Brand Code Table

Brand	Model Code	Brand	Model Code
ALPIN	0252, 0253, 0764, 1277, 1789	LITTLE DUCK	0015-0020, 0530, 1043
AUCMA	0288-0296, 0462, 1313, 1998	LOREN-SEBO	0255, 0471, 0472, 0767
AUX	0297-0300, 0451, 0474, 0475, 0812, 1987	MACQUAY	0234-0237, 0465, 0746, 1773
BANSHEN	0264, 1288, 1800	MICOM	0415, 0927, 1951
BOERKA	0383, 0434, 0436, 0437, 1407, 1972	MIDEA	0260-0265, 0526, 1289, 1976
CARRIER	0203-0209, 0456-0458, 0482-0486, 0563-0565	MITSUBISHI	0001-0045, 0476-0479, 0522, 0523, 0568, 0582, 1502
CHANGHONG	0301-0308, 0813, 1843	NORITZ	0431, 1455
CHIGAO	0379-0382, 0489, 0515, 1403, 1916	PANASONIC NATIONAL	0138-0154, 0483, 0490-0492, 0653, 1507
CHOFU	0184-0187, 1209, 1723	PANDA	0378, 0890
CHUNLAN	0345-0350, 0450, 0453, 1373	PHILCO	0210, 0211, 0487, 0488, 1746
CORONA	0155-0163, 0459, 1180, 1995	PROTON	0421-0423, 0933, 1958
CONROWA	0377, 1401, 1913	RAYBO	0362-0367, 1386, 1898
CONSUL	0463, 0975	ROWA	0369, 0438, 0439, 0494, 0527, 0531, 1393
DEAWOO	0203-0209, 0406, 0715, 1942	SABRO	0435, 0506-0508, 1018, 1971
DAIKIN	0171-0183, 0566, 0577, 0583, 0566, 0577, 0583, 0685, 1707	SAIJO DENKI	0212-0215, 0724, 1750
DOCTOR	0221, 0449, 1245, 1985	SAMPO	0424-0426, 1448, 1961
DONGBAO	0355-0361, 1385, 1891	SAMSUNG	0188-0196, 0516, 0518, 0700, 1726
DONGXINBAO	0413, 0925, 1654	SANYO	0046-0095, 0529, 0530, 0558, 1582
ELECTROLUX	0216-0220, 0569, 1245, 1752	SASUKI	0254, 0470, 0766, 1494
FEDDERS	0498, 0499, 0528	SHANGLING	0384-0388, 0444, 0445, 1980
FRESTECH	0277, 0519, 0520, 0789	SHANXING	0392, 0449, 1416, 1985
FUJITSU	0127-0137, 0464, 0552-0554, 1152	SHARP	0096-0106, 0525, 0609, 1640
FUNAI	0430, 0481, 1505, 1966	SHENGFENG	0376, 0480, 1504, 1912
GALANZ	0371, 0372, 0521, 0883, 1908	SHINCO	0351-0354, 0454-0456, 1887
GENERAL	0128-0136, 0639, 0976, 1161	SHUANGLU	0376, 0404-0407, 0480, 1941
GUQIAO	0244, 0291, 1268, 1827	SHUAIKANG	0288, 0800
GLEE	0398, 0399, 0910, 1935	SONGGE	0428, 0429, 1453, 1964
GOLDSTAR	0201, 0466-0469, 0979, 1737	SOVA	0409, 0410, 0921, 1434
GREE	0309-0316, 0482, 0512, 0513	SUMMER	0427, 1451
HAIER	0266-0272, 0453-0455, 0778	SUNDURG	0257, 0505, 1017, 1793
HISENSE	0332-0335, 0517, 0847, 1359, 1868	SWAN	0434, 0477, 0516, 0524, 0946
HITACHI	0118-0126, 0630, 1145	TADIRAN	0246-0251, 0758, 1275
HUABAO	0336-0344, 1360, 1878	TATUNG	0419, 0420, 0932, 1955
HUAKE	0408, 0920, 1944	TCL	0273-0281, 0476, 0493, 0570, 0786, 1305
HUAMEI	0402, 0460-0465, 1426, 1999	TECO	0256, 0473-0475, 1792
HUALING	0317-0325, 0452, 0964	TIANDI	0415, 1439
HUIFENG	0370, 0882	TOSHIBA	0107-0117, 0479, 0489, 0561, 0562, 1001, 1643
HUIKANG	0368, 0441-0443, 1392, 1979	TRANE	0227-0232, 0739, 1768
HYUNDAI	0202, 0433, 0480, 1226, 1969	UNI-AIR	0222-0224, 0450, 0734, 1986
JDC	0373, 0440, 0952, 1909	WAN BAO	0138-0152, 0666, 0995, 1177
JIANGNAN	0432, 1456	WEILI	0393-0396, 0907, 1420, 1929
JINDA	0414, 0926, 1950	WHIRLPOOL	0164-0170, 0502, 0677, 1760
JINSONG	0389-0391, 0446-0448, 1984	WINIA	0481, 0550, 0993
JOHSON	0245, 0492, 1269, 1516	XILENG	0411, 0412, 0924, 1947
KANGLI	0374, 0375, 1399, 1910	XINLE	0400, 0401, 0913, 1452, 1936
KELON	0282-0287, 0473, 0485-0488	YANGZI(YAIR)	0403, 0915
KEIMATAIR	0225, 0226, 0452, 0737, 1761	YINYAN	0258, 0259, 0326-0331, 0478, 0838
KONKA	0397, 0457-459, 1933	YORK	0107, 0238-0243, 0573, 0750, 1266
LG	0197-0200, 0514, 1026, 1733	ZHEN BAO	0129-0137, 1151, 1488, 1664
LIANGYU	0233, 0451, 0745, 1257		

Image 3.1: The KT-N898 Universal A/C Remote Code Table, listing various air conditioner brands and their corresponding 4-digit programming codes.

3.2 Automatic Code Search

Use this method if you do not know your air conditioner's brand or if your brand is not listed in the code table.

1. **Aim Remote:** Point the remote control directly at your air conditioner unit.
2. **Initiate Auto-Search:** Press and hold the "SELECT" key for 5 seconds, then release it. The remote control will enter auto-search status, continuously sending signals. The code on the LCD will flash and increment.
3. **Confirm Code:** When your air conditioner receives a signal and emits a buzzer sound, immediately press any key on the remote control to confirm the code and exit auto-search mode.
4. **Test Functionality:** Test other function keys. If they do not work correctly, repeat the above steps until the correct code is found and all functions operate as expected.

4. BASIC OPERATIONS

4.1 Power On/Off

Press the **Power** button (usually a circle with a vertical line) to turn the air conditioner on or off.

4.2 Temperature Adjustment

Use the **Temperature Up (+)** and **Temperature Down (-)** buttons to adjust the desired temperature.

4.3 Mode Selection

Press the **MODE** button to cycle through available operating modes (e.g., Cool, Heat, Fan, Dry, Auto).

4.4 Fan Speed Adjustment

Press the **FAN** button to adjust the fan speed (e.g., Low, Medium, High, Auto).

4.5 Swing/Vane Control

Use the **SWING** or **VANE** buttons to control the air conditioner's louver movement, if supported by your unit.

4.6 Temperature Unit Conversion (°F to °C)

To switch between Fahrenheit (°F) and Celsius (°C) display:

1. Press the **C/F** button.
2. The display will change to the alternate temperature unit.



Image 4.1: The remote control displaying temperature in Celsius, demonstrating the unit conversion feature.

5. ADVANCED FEATURES

5.1 Clock Setup

1. Press the **CLOCK** key. The clock signal on the LCD will flash.
2. Use the **TIME+** and **TIME-** keys to adjust the time to the current hour and minute.
3. Press the **CLOCK** key again to confirm. The clock signal will stop flashing, and the time setting is complete. If no key is pressed, the setting will automatically finish after 15 seconds.

5.2 Timer On/Off

The remote allows you to set a timer for the air conditioner to turn on or off automatically.

Timer On Setting

1. Press the **ON TIMER** key. The time on the LCD will flash.
2. Use the **TIME+** and **TIME-** keys to adjust the desired time for the air conditioner to turn on.
3. The setting will automatically complete after 15 seconds if no further input is received.

Timer Off Setting

1. Press the **OFF TIMER** key. The time on the LCD will flash.
2. Use the **TIME+** and **TIME-** keys to adjust the desired time for the air conditioner to turn off.
3. The setting will automatically complete after 15 seconds if no further input is received.

5.3 Night Illumination Function

The remote control includes a night illumination function for easier use in low-light conditions. Refer to your air conditioner's manual for specific compatibility or activation details if this feature is not immediately apparent.

6. MAINTENANCE

6.1 Battery Replacement

Replace batteries when the remote's operating range decreases or the display becomes dim. Always replace both batteries at the same time with new AAA batteries. Do not mix old and new batteries, or different types of batteries.

6.2 Cleaning

Wipe the remote control with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the remote's surface or internal components.

6.3 Storage

If the remote control will not be used for an extended period, remove the batteries to prevent leakage, which can cause damage to the device.

7. TROUBLESHOOTING

- **Remote not responding:**
 - Check if batteries are inserted correctly and have sufficient power. Replace if necessary.
 - Ensure there are no obstructions between the remote and the air conditioner's receiver.
 - Verify that the correct code has been programmed for your air conditioner. Try re-programming using either manual or auto-search methods.
- **Functions not working correctly after programming:**
 - If some functions work but others do not, it indicates that the current code is not fully compatible. Repeat the programming process (either manual or auto-search) and try the next available code for your brand until all functions operate correctly.
- **LCD display is dim or blank:**
 - Replace the batteries.
- **Code flashing continuously:**
 - If the code on the LCD flashes and increases, it means the remote is in auto-search mode. Press any key to confirm the code once your air conditioner responds.

8. SPECIFICATIONS

Feature	Detail
Model Number	KT-N898
Brand	CHUNGHOP
Compatible Devices	Air Conditioner (Universal, over 2000 brands)
Power Supply	DC 3V (2 x AAA batteries)
Control Distance	Approximately 8 meters
Dimensions	Approximately 136mm x 57mm x 19.5mm
Weight	Approximately 110g (without batteries)
Color	Silver

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact CHUNGHOP customer service directly. Contact details are typically available on the manufacturer's official website or through your retailer.

