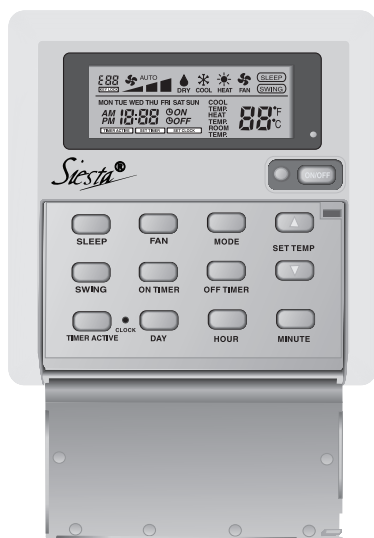




OPERATING MANUAL



Operating Manual
Handset Wireless

English

Mode D'emploi
Combiné sans fil

Français

Bedienungsanleitung
Drahtloses Handgerät

Deutsch

Bedieningsaanwijzing
Draadloos handapparaat

Nederlands

Manual De Instrucciones
Auricular Inalámbrico

Español

Руководство По Эксплуатации
Беспроводное Дистанционное Управление

Русский

Kullanım Kılavuzu
Kablosuz Kulaklık

Türkçe

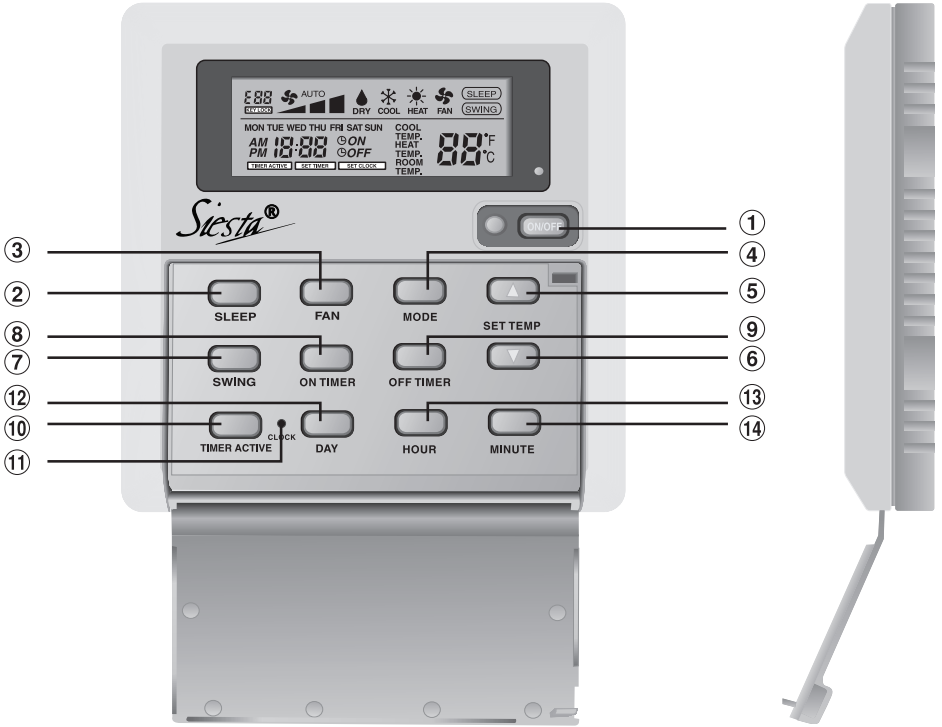
Εγχειρίδιο Οδηγίων
Ασύρματη Χειροσυσκευή

Ελληνικά

Manual De Funcionamento
Aparelho Sem Fios

Portugues

OM-NET3C-0411(0)-SIESTA
Part No.: R08019036598



ARCWA OUTLOOK

Battery

- 1) Type: AAA.R03
- 2) Quantity: 2 pieces

Disposal Requirements



The batteries supplied with the controller are marked with this symbol. This means that the batteries shall not be mixed with unsorted household waste. If a chemical symbol is printed beneath the symbol, this chemical symbol means that the battery contains a heavy metal above a certain concentration. Possible chemical symbols are:

- Pb: lead (>0,004%)

Waste batteries must be treated at a specialized treatment facility for re-use. By ensuring correct disposal, you will help to prevent potential negative consequences for the environment and human health. Please contact your local authority for more information.

Batterie

- 1) Typ: AAA.R03
- 2) Menge: 2 Stück

Vorschriften zur Entsorgung



Die mit dem Steuergerät mitgelieferten Batterien sind mit diesem Symbol gekennzeichnet. Das bedeutet, dass die Batterien nicht im unsortierten Hausmüll entsorgt werden dürfen.

Befindet sich unter dem Symbol ein chemisches Symbol, so bedeutet dieses chemische Symbol, dass die Batterie Schwermetall oberhalb einer bestimmten Konzentrationsgrenze enthält.

Mögliche Symbole für Chemikalien:

- Pb: Blei (>0,004%)

Leere Batterien werden in einer speziellen Aufbereitungsanlage verarbeitet. Mit einer korrekten Entsorgung helfen Sie, möglichen negativen Folgen für die Umwelt und die menschliche Gesundheit vorzubeugen. Fragen Sie Ihre Behörde vor Ort nach weiteren Informationen.

Pile

- 1) Type: AAA.R03
- 2) Quantité: 2 pièces

Instructions d'élimination



Les piles fournies avec le contrôleur sont marquées de ce symbole.

Il signifie que les piles doivent être éliminées séparément des ordures ménagères non triées.

Si un symbole chimique est imprimé sous ce symbole, il signifie que la pile contient un métal lourd au-delà d'une certaine concentration.

Symboles chimiques possibles:

- Pb: plomb (>0,004%)

Les piles usagées doivent être traitées par une usine de traitement spécialisée dans le recyclage. À travers une mise au rebut correcte, vous contribuez à éviter les conséquences potentiellement néfastes pour l'environnement et la santé humaine. Veuillez contacter votre autorité locale pour plus d'informations.

Batterij

- 1) Type: AAA.R03
- 2) Hoeveelheid: 2 Stuks

Vereisten voor het opruimen



De batterijen, die met de bediening meegeleverd werden, zijn met dit symbool gekenmerkt.

Dit betekent, dat de batterijen niet samen met ongesorteerd huisafval verwijderd mogen worden.

Indien beneden het symbool een chemisch symbool gedrukt is, betekent dit, dat de batterij een zwaar metaal bevat boven een bepaalde concentratie.

Mogelijke chemische symbolen:

- Pb: lood (>0,004%)

Afvatbatterijen moeten in een special behandelingsbedrijf voor hergebruik bewerkt worden. Door voor een correcte afvalverwijdering te zorgen, draagt u ertoe bij, potentiële negatieve consequenties voor milieu en volkgezondheid te vermijden. Neem a.u.b. contact op met uw plaatselijke instanties voor meer informatie.

Bateria

- 1) Tipo: AAA.R03
- 2) Cantidad: 2 piezas

Requisitos para la eliminación



Las baterías suministradas con el controlador están marcadas con este símbolo. Esto significa que las baterías no se deben mezclar con los desechos del hogar no clasificados.

Si un símbolo químico está impreso abajo del símbolo, este símbolo químico significa que la batería contiene un metal pesado sobre una cierta concentración.

Estos son los posibles símbolos químicos:

- Pb: plomo (>0,004%)

Las baterías usadas deben ser tratadas en una instalación de tratamiento especializada para volver a usarlas. Al asegurar la eliminación correcta de estas baterías, ayudará a evitar consecuencias negativas potenciales para el ambiente y la salud humana. Comuníquese con su autoridad local para obtener más información.

Батарея

- 1) Тип: AAA.R03
- 2) Количество: 2 штуки

УТИЛИЗАЦИЯ ОТХОДОВ



На батареи, которые входят в комплект поставки контроллера, нанесен данный символ. Это означает, что батареи нельзя утилизировать вместе с несортированными бытовыми отходами.

Если ниже символа нанесен знак химического элемента, он означает, что в батарее содержится тяжелые металлы выше определенной концентрации.

Встречающиеся химические знаки:

- Pb: свинец (>0,004%)

Утилизируемые батареи должны перерабатываться на специальном перерабатывающем предприятии для их повторного использования. Обеспечение правильной утилизации. Вы можете предотвратить потенциальные негативные последствия для окружающей среды и здоровья людей. Для получения дополнительной информации, пожалуйста, обратитесь в местные органы власти.

Pil

- 1) Tip: AAA.R03
- 2) Miktar: 2 adet

Bertaraf gereksinimleri



Kullanımda biriktire verilen piller bu sembole işaretlenmiştir.

Bu pillerin simfandirilmaması ev atığı olarak karıştırılmaması gerektirî anlamına gelir.

Sembolün altında bir kimyasal sembol varsa, bu kimyasal sembol piller belirli bir konsantrasyonun üstünde ağır bir metal içerdiği anlamına gelir.

Olas kimyasal semboller şunlardır:

- Pb: kurşun (>0,004%)

Atlık piller yeniden kullanılm için özel bir işlem tesisinde işlenmemiştir. Doğru atılmaması sağlanarak çevre ve insan sağlığı için olası olumsuz sonuçların önlenmesine yardımcı olacaktır. Daha fazla bilgi için lütfen yerel makamlarla temasa geçiniz.

Μπαταρία

- 1) Τύπος: AAA.R03
- 2) Ποσότητα: 2 τεμάχια

Προϋποθέσεις απόρριψης



Οι μπαταρίες που συνοδεύουν το χειριστήριο φέρουν αυτό το σύμβολο.

Αυτό σημαίνει ότι οι μπαταρίες δεν θα ανακατευτούν με αδιάλεχτα οικιακά απόβλητα.

Αν ένα χημικό σύμβολο είναι τυπωμένο κάτω από το σύμβολο, τότε αυτό το χημικό σύμβολο σημαίνει ότι η μπαταρία περιέχει βαρύ μέταλλο πάνω από ορισμένη συγκέντρωση.

Πιθανά χημικά σύμβολα είναι:

- Pb: μόλυβδος (>0,004%)

Η επεξεργασία των απόβλητων μπαταριών πρέπει να γίνεται σε ειδικό εργοστάσιο επαναχρηματοποίησης. Διασφαλίζοντας τη σωστή απόθεση, θα βοηθήσετε στην αποφυγή πιθανών αρνητικών συνεπειών για το περιβάλλον και την ανθρώπινη υγεία. Παρακαλώ επικοινωνήστε με την τοπική αρχή για περισσότερες πληροφορίες.

Bateria

- 1) Tipo: AAA.R03
- 2) Quantidade: 2 peças

Requisitos para a eliminação



As baterias fornecidas com o controlador estão marcadas com este símbolo.

Isto significa que as baterias não devem ser misturadas com o lixo doméstico.

Se um símbolo químico está impresso abaixo do símbolo, significa que a bateria contém um metal pesado com uma certa concentração.

Possíveis símbolos de produtos químicos:

- Pb: chumbo (>0,004%)

A eliminação de baterias deve ser tratada em instalações de tratamento especializadas para reutilização. Ao assegurar-se da correta eliminação, você está a ajudar a prevenir potenciais consequências negativas para o ambiente e para a saúde humana. Por favor, contacte as autoridades locais para mais informações.

1.0 OPERATING GUIDE

There are all together 14 keys on the ARCWA wired controller.

No	KEY	FUNCTION
1.	ON/OFF	On/Off the unit with overriding all the timer settings
2.	SLEEP	Activate/deactivate Sleep function
3.	FAN	Select Fan speeds control (Auto/High/Med/Low)
4.	MODE	Select operating Modes control (Cool/Heat/Dry/Fan)
5.	SET TEMP UP	Increase set temperature in °C or °F
6.	SET TEMP DOWN	Decrease set temperature in °C or °F
7.	SWING	Activate/deactivate Swing control.
8.	ON TIMER	Enable/disable the Event 1, 2 and 3 ON TIMER setting mode
9.	OFF TIMER	Enable/disable the Event 1, 2 and 3 OFF TIMER setting mode
10.	TIMER ACTIVE	Activate/deactivate all set timers
11.	CLOCK	Enable/disable the Real Time Clock (RTC) setting mode
12.	DAY	a) Select the day for RTC or timer setting b) Enable/disable FAN Key lock
13.	HOURL	a) Select the hour for RTC or timer settings b) Set Override function for 1, 2 or 4 hours
14.	MINUTE	a) Select the minute for RTC or timer settings b) Enable/disable key lock

Note : Override Function

Press the HOUR key once will activate the override function for 1 hour. An indicator "H1" will show on the top left corner of the LCD. Press the same key again will increase the setting to 2 hours. An indicator "H2" will be shown. Press the 3rd times increase the setting to 4 hours. An indicator "H4" will be shown. Subsequent press will deactivate the override function.

When the Override function is activated, all the timers will bypassed and turn ON the unit for a fix periods of 1 hour, 2 hours or 4 hours depends on the selection, after which it will turned off.

1.1 **ON/OFF** Button

- Starting Operation:

When the unit is turned off, press the **ON/OFF** button.

The operation LED lights and the unit is turned on.

- Stopping Operation:

When the unit is turned on, press the **ON/OFF** button. The operation LED is extinguished and control are turned off.

1.2 **SLEEP** Button

Press **SLEEP** button to activate the sleep mode or energy saving mode.

1.3 **FAN** Button

Press **FAN** button to select *AUTO*, *HIGH*, *MEDIUM* or *LOW* fan speed.

1.4 **MODE** Button

Press the **MODE** button to switch operation from *COOL*, *HEAT*, *DRY*, *FAN*.

Check the display to see in which mode the control is set.

1.5 ‘▲’ or ‘▼’ Set Temperature Button

Press the temperature button and set the temperature of your choice. By pressing the ‘▲’ or ‘▼’ button once, temperature changes by 1°C [or 1°F].

Temperature can be set within the range 16°C~30°C (61°F~86°F).

During fan mode, temperature cannot be set.

If pressing ‘▲’ and ‘▼’ together, the unit of temperature will change from °C to °F and vice-versa.

1.6 **SWING** button

Press **SWING** button to activate the air sweep function.

1.7 **Time Setting**

i) Set Real Time Clock Setting

Press CLOCK key one time will activate RTC setting mode. Pressing the same key again will disable RTC setting mode.

Under RTC setting mode, “SET CLOCK” will be shown on LCD and it will blink at 0.5 sec interval. The RTC and Day setting can be changed by pressing DAY key, HOUR key or MINUTE key. If there is no further time related (DAY, HOUR and MINUTE) key is pressed for 15 sec, the unit will quit from the CLOCK setting mode.

ii) 7-Day Programmable Timers

The unit has 3 event functions, each event has an ON TIMER and an OFF TIMER. Press the timer key (ON TIMER or OFF TIMER) will enable Event 1 timer setting mode. Press the same key again will enable Event 2 timer setting mode. Press the 3rd will enable the Event 3 (Event handset) timer- setting mode. Subsequent key pressed the unit will quit from timer setting mode.

All timers are event triggered timers and can be overridden by the ON/OFF button and Override function.

iii) **Set Event 1 and Event 2 Timers**

Under timer setting mode, "SET TIMER" will be shown on LCD and blink at 0.5 sec interval. For Event 1 Timer setting, '☹ ON' or '☹ OFF' indication will appear and digit "1" will be displayed on the top left corner of the LCD. '☹ ON' or '☹ OFF' indication and digit "2" will be displayed during Event 2 timer setting. The timer setting can be changed thru pressing the DAY key, HOUR key or MINUTE key. If there is no further time related (DAY, HOUR and MINUTE) key is pressed, the unit will quit from the timer setting mode.

iv) **Set Event 3 Timer via remote control (Optional)**

This timer can be controlled separately thru remote control as well as ON TIMER or OFF TIMER keys. Timer 3 can be set like timers 1 and 2 like above except the DAY setting is not provided as this timer setting is valid everyday. An indicator "3" will display during the Event 3 timer setting mode. '☹ ON' or '☹ OFF' will blink at 0.5 sec interval during the timer setting. If there is no further time related (DAY, HOUR and MINUTE) key is pressed, the unit will quit from the timer setting mode.

The ON/OFF timer setting received from remote control will override the Event 3 timer setting from the unit.

1.8 **Activating and canceling timers**

These timers will not triggered if the timer is not active. To activate the timers, press the TIMER ACTIVE key unit "TIMER ACTIVE" appears on LCD. This symbol is to indicate Event 1, Event 2 and/or Event 3 timers are active. Pressing the same steps will deactivate the timers and "TIMER ACTIVE" symbol will disappear.

Another method to cancel the timers setting is changed all the hour setting of the timers to null one by one. When the setting is null, the LCD display --:-- , then this respective timer will be disable.

1.9 **Key Lock**

These key lock function to inhibit any setting change. Press the MINUTE key 3 times consecutively will activate key lock function, "KEYLOCK" will be shown on LCD. Upon all the keys are locked, only ON/OFF key and MINUTE key can be pressed. To cancel the key lock function, press the MINUTE key 3 times consecutively, the word "KEYLOCK" will be disappeared.

1.10 **Fan Lock**

When the DAY key is press 3 times consecutively within 1.5 sec, the fan symbol (shown above) will disappear and fan key will be inhibit from pressing. Press the DAY key 3 times to cancel the fan lock function.

1.11 **Battery Backup**

Battery backup is used to retain the RTC and 7-days programmable timer settings during power down. For unit without battery backup, the default setting will be 12:00 am the timer clear during power up.

2.0 INSTALLATION OF LCD REMOTE CONTROLLER

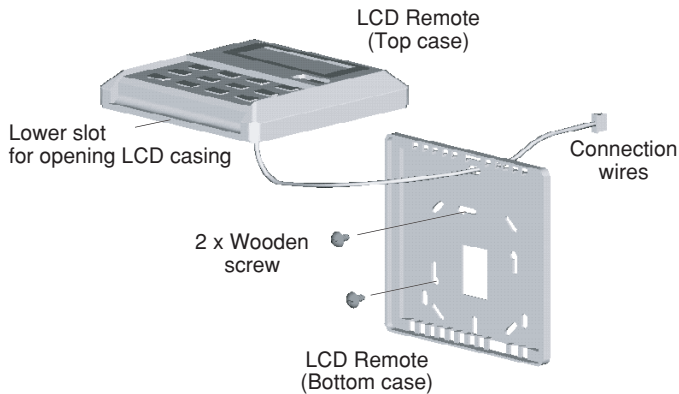
2.1 Accessories

The following accessories are included together with this manual. If any part is missing, contact your dealer immediately.

- ① Remote controller
- ② Wooden screw 4.1 x 16 (2 pieces) & machine screw (2 pieces)
- ③ Instruction manual
- ④ Battery

2.2 Step-by-step guide

- i) First, open up the casing of the LCD remote controller into its top and bottom case using a screwdriver. To do this, insert the screwdriver into the lower slot and slide it in the outward direction.
- ii) Fix the bottom case onto the wall with the 2 wooden screws provided. Then, insert the 4-pin connection wires (from main board) through the slot on the upper center of the case as shown below.
- iii) To select cooling only model or heatpump model, some adjustment required in the shunt jumper setting.
- iv) Fasten back the top and bottom case into place. Hook the two upper claws into their respective slots and snap the lower part shut.



3.0 FAULT DIAGNOSIS (For Inverter only)

If there is any abnormal condition detected, ARCWA wired controller will blink the error code.

ERROR CODE	MEANING
00	NORMAL
A1	INDOOR PCB ERROR
A3	DRAIN PUMP ABNORMAL
A5	ANTIFREEZE (COOLING)/HEAT EXCHANGER OVERHEAT (HEATING)
A6	INDOOR FAN MOTOR ABNORMAL
AH	ELECTRICAL AIR CLEANER ABNORMAL
C4	INDOOR HEAT EXCHANGER (1) THERMISTOR SHORT/OPEN
C5	INDOOR HEAT EXCHANGER (2) THERMISTOR SHORT/OPEN
C7	LOUVER LIMIT SWITCH ERROR
C9	INDOOR ROOM THERMISTOR SHORT/OPEN
E1	OUTDOOR PCB ERROR
E3	HIGH PRESSURE PROTECTION
E4	LOW PRESSURE PROTECTION
E5	COMPRESSOR MOTOR LOCK/COMPRESSOR OVERLOADED
E6	COMPRESSOR START-UP ERROR
E7	OUTDOOR DC FAN MOTOR LOCK
E8	AC INPUT OVER CURRENT
E9	EXV ERROR
EA	4 WAY VALVE ERROR
F3	DISCHARGE PIPE OVERHEAT
F6	HEAT EXCHANGER OVERHEAT
HO	COMPRESSOR SENSOR SYSTEM ERROR
H3	HIGH PRESSURE SWITCH ERROR
H6	COMPRESSOR FEEDBACK DETECTION ERROR
H7	FAN MOTOR OVERLOADED/OVERCURRENT/SENSOR ABNORMAL
H8	AC CURRENT SENSOR ERROR
H9	OUTDOOR AIR THERMISTOR SHORT/OPEN
J1	PRESSURE SENSOR ERROR
J3	COMPRESSOR DISCHARGE PIPE THERMISTOR SHORT/OPEN/MISPLACED
J5	SUCTION PIPE THERMISTOR SHORT/OPEN
J6	OUTDOOR HEAT EXCHANGER THERMISTOR SHORT/OPEN
J7	SUBCOOLING HEAT EXCHANGER THERMISTOR SHORT/OPEN
J8	LIQUID PIPE THERMISTOR SHORT/OPEN
J9	GAS PIPE THERMISTOR SHORT/OPEN
L1	INVERTER OUTDOOR PCB ERROR
L3	OUTDOOR CONTROL BOX OVERHEAT
L4	HEAT SINK OVERHEAT
L5	IPM ERROR/IGBT ERROR
L8	INVERTER COMPRESSOR OVERCURRENT
L9	COMPRESSOR OVERCURRENT PREVENTION
LC	COMMUNICATION ERROR (OUTDOOR CONTROL PCB AND INVERTER PCB)
P1	OPEN PHASE OR VOLTAGE UNBALANCE
P4	HEAT SINK THERMISTOR SHORT/OPEN

ERROR CODE	MEANING
PJ	CAPACITY SETTING ERROR
U0	INSUFFICIENT GAS
U2	DC VOLTAGE OUT OF RANGE
U4	COMMUNICATION ERROR
U7	COMMUNICATION ERROR (OUTDOOR CONTROL PCB AND IPM PCB)
UA	INSTALLATION ERROR
UF	PIPING & WIRING INSTALLATION MISMATCH/WRONG WIRING/INSUFFICIENT GAS
UH	ANTIFREEZE (OTHER ROOMS)