READ THE MANUAL BEFORE OPERATING THIS PRODUCT

COMPEX®

AYRE™

Compression Boots

Version: A0 (2019-6-6)

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INTRODUCTION

Thank you for choosing Compex®. The Compex Ayre™ is a battery-powered electric massager indicated to temporarily relieve minor muscle aches and/or pains and to temporarily increase circulation to the treated areas. This is done with an electronically controlled pump that transports a certain amount of air to the airbags on the legs, which then squeezes the calves or thighs to help blood flow from the lower limbs.

- This product is a non-medical device and is not used in medical conditions or medical environments.
- In order to use this product correctly, be sure to read the instructions before use.
- For safe and correct use of this product, please read and fully understand the "safety warning" contained in this manual.
- We recommend keeping this manual in the case and with the product it's always handy and not easily lost.

CONTRAINDICATIONS

THIS DEVICE MUST NOT BE USED TO TREAT THE FOLLOWING CONDITIONS:

Persons with suspected, active or untreated: deep vein thrombosis, ischemic vascular disease, severe arteriosclerosis, pulmonary edema, severe congestive heart failure, thrombophlebitis or an active infection;

- On the legs where cuffs would interfere with the following conditions: vein ligation, gangrene, dermatitis, open wounds, a recent skin graft, massive edema or extreme deformity of the leg.
- Not for use on any neuropathy. Do not use on extremities that are insensitive to pain.
- Not for use where increased venous or lymphatic return is undesirable.

⚠ WARNING

- Do not attempt to repair the device.
- Do not attempt to open or remove covers.
- Do not remove the pump unit from the cuff.
- Do not attempt to modify or change the device.
- NEVER attempt any service while the device is in use.
- Do not operate in a wet environment.
- Do not immerse in any liquid for any reason. For cleaning and disinfecting instructions refer to "Clear and Disinfecting section".
- Do not place the device in autoclave for any reason.
- Not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.
- If exposed to temperatures below 10 (50F) allow the device to warm up to room temperature.
- Do not subject the device to extreme shocks, such as dropping the pump.
- Portable and mobile Radio Frequency Communication Equipment can be affected by this devices.

⚠ CAUTION

- Stop using device if swelling, skin irritation or any other unpleasant or painful sensation occurs and consult a physician.
- Loosen cuffs immediately if pulsation or throbbing occurs are the cuffs may be wrapped too tightly.
- People with diabetes or vascular disease require frequent skin assessment; consult a physician.
- People who use warming devices in combination with cuffs require frequent assessment as skin irritation may occur; consult a physician.
- People positioned in the supine lithotomy position (with or without cuffs) for an extended period of time require special attention to avoid extremity compartment syndrome; consult a physician.

ENVIRONMENTAL CONDITION FOR NORMAL WORKING, TRANSPORT AND STORAGE

- Normal working ambient temperature: 5~40°C
- Normal working ambient humidity: 15~90%
- Store and transport ambient temperature: -25 ~70°C
- Store and transport ambient humidity: 0 ~ 90%RH
- Normal working atmospheric pressure: 70 ~ 106kPa
- Store and transport atmospheric pressure: 70 kPa -110kPa

SYMBOLS INTERPRETATION

Information essential for proper use shall be indicated by using the corresponding symbols. The following symbols may be seen on the device and labeling.


Consult instructions for use

IP22 IP code of the device


Unrecyclable


This way up


Date of manufacture

LOT Batch code

SN Serial number


Manufacturer


Type BF applied part


CAUTION, Avoid injury. Read and understand owner's manual before operating this product.

EC REP Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY"


Fragile, handle with care


Keep the product in the dry place
Away from water and rain.


Product packaging is able to be recycled

ELECTROMAGNETIC COMPATIBILITY AND FCC COMPLIANCE STATEMENT

1. This product needs special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile radio frequency (RF) communications equipment.
2. Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.
3. Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation!
4. Caution: This machine should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC EMISSION		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
EMISSION TEST	**COMPLIANCE**	**ELECTROMAGNETIC ENVIRONMENT – GUIDANCE**
RF emissions CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emission CISPR 11	Class B	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
IMMUNITY TEST	**IEC 60601 TEST LEVEL**	**COMPLIANCE LEVEL**	**ELECTROMAGNETIC**
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV ai	±8 kV contact ±15 kV air	Floors should be wood, concrete or ceramic tile. If floor are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/ burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2kV for power supply lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	±1 kV differential mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% UT (>95% dip in UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	<5% UT (>95% dip in UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power supply or a battery.
Power frequency (50Hz/60Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE: UT is the a.c. mains voltage prior to application of the test level.			

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance** d = 1,2√p d = 1,2√p 80 MHz to 800 MHz d = 2,3√p 800 MHz to 2,5 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,a should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol:
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.5 GHz	10 V/m	

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

A. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.

B. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

RECOMMENDED SEPARATION DISTANCES BETWEEN PORTABLE AND MOBILE RF COMMUNICATIONS EQUIPMENT AND THE DEVICE.

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter (m)		
	150 KHZ TO 80 MHZ	80 MHZ TO 800 MHZ	800 MHZ TO 2.5 GHZ
0.01	**0.12**	**0.12**	**0.23**
0.1	**0.38**	**0.38**	**0.73**
1	**1.2**	**1.2**	**2.3**
10	**3.8**	**3.8**	**7.3**
100	**12**	**12**	**23**

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

A. This device may not cause harmful interference, and

B. This device must accept any interference received, including interference that may cause undesired operation.

The subject device 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.

The product generates, uses, and can radiate radio frequency energy and, if not installed and used accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that the interference will not occur in a particular installation. If the product does cause harmful interference to radio or television reception, which can be determined by turning the product on or off, the user is encouraged to try to correct the interference by one or more of the following measures:

A. Reorient or relocate the receiving antenna;

B. Increase the separation between the product and the receiver;

C. Consult the dealer or an experienced radio / TV technician for help.

D. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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

PRODUCT SPECIFICATIONS

ACCESSORIES INCLUDED IN THE PACKAGE.

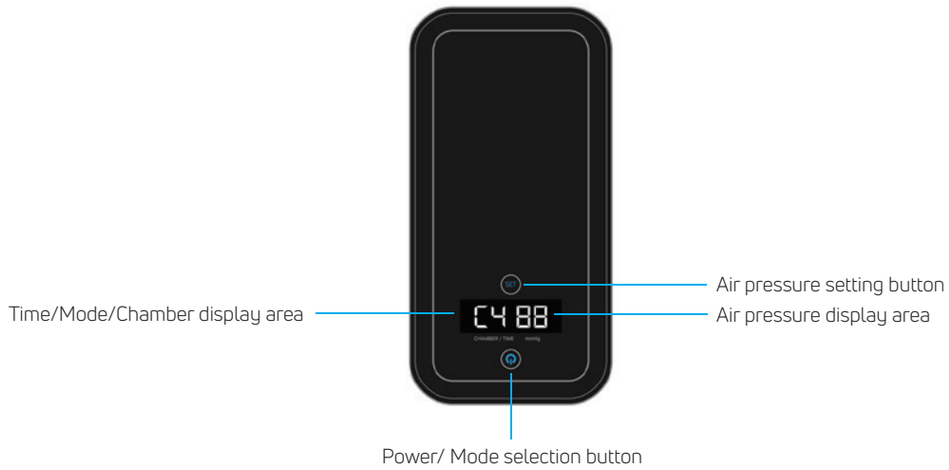
1. Main unit *1pc
2. Adapter * 1pc
3. Manual *1pc

TECHNICAL INFORMATION

Model/type	JKH-109Compex Compression Boot	**Weight**	1000g
Power supply	4500mAh lithium battery	**Main unit size**	165x83x57mm
Sleeve size	820x290mm	**Degree of protection against electric shock**	Type BF applied part
Rated voltage	3.7V	**Type of protection against electric shock**	Internally powered equipment (Not applicable)
Working current	600mA-2500mA	**Grade of waterproof**	IP22
Air pressure	0-120mmHg	**Product life**	1 year
Modes	2 modes	**Software version**	A0
Note: Not intended to be sterilized.			
Not for use in an OXYGEN RICH ENVIRONMENT			

SETUP

Unpack the case, take the product and adapter out, and charge the device before first use. Place your foot in the wrap, zip up the boot, and secure the velcro to hold your leg in place. Make sure the wrap is snug, but not too tight.



OPERATING INSTRUCTION

TURNING ON/OFF THE DEVICE

- Hold the On/Off button for 1 second to turn on the device.
- The device will begin to operate in the default function/mode F1 to the default pressure setting. To change the mode and pressure settings, read below.
- Hold the On/Off button for 1 second to turn off the device.

MODE F1

- The device will automatically inflate the four chambers one by one. The device will first inflate Chamber 1 (C1) to the preset pressure, followed by Chamber 2 (C2), Chamber 3 (C3) and Chamber 4 (C4). The left display indicates the Chamber (C1, C2, C3, C4), and the right display indicates each chamber's air pressure and changes from 00 to the preset value.
- After inflating to the preset value, all four chambers (C1, C2, C3, and C4) will stay inflated for 10 seconds, and then deflate to zero simultaneously (the left display changes to show the total use time, and the right display changes from the preset pressure to 00).
- After holding at zero pressure for 60 seconds (the left display shows the total use time, and the right display shows 00), the above cycle repeats.

MODE F2

- Press the ON/OFF button to switch the function/mode from F1 to F2.
- F2 inflates all four chambers at the same time: The left display shows CH (indicating all 4 chambers), the right display changes from 00 to the preset value, indicating the real-time air pressure.
- After inflating to the preset value, all four chambers (C1, C2, C3, and C4) will stay inflated for 10 seconds, and then deflate to zero simultaneously (the left display changes to show the total use time, and the right display changes from the preset value to 00).
- After holding at the zero pressure for 60 seconds (the left display shows the total use time, and the right display shows 00), the above cycle repeats.

CHANGING PRESSURE

- The default pressure of 50mmHg can be adjusted by pressing the SET button: The left display shows C1 (Chamber 1) and the right display shows a flashing air pressure of 50. Press the button once to advance the pressure by increments of 10 from the default setting of 50mmHg up to a max of 120mmHg. Continuing to press the button past 120 will reset the pressure to 00 and continue to advance in increments of 10. When you reach the desired pressure, hold the SET button to select it. Repeat the steps to adjust the pressure in each chamber.

NOTE:

- The light above the On/Off button will hold during inflation, and flash during deflation.
- When the device is off, holding the On/Off button 5 seconds restore the factory settings, meaning the total use time will be erased and the pressure will be reset to the default 50mmHg for all four chambers.
- The device will remember the last set pressure and the total use time. When the device turns on, the total use time shows on the left display.
- The maximum cumulative time is 99 hours. After 99 hours, it will reset to 0. If the total use time is less than 1 hour, it will display 00.
- ·C1, C2, C3, and C4 represent Chamber 1, 2, 3, and 4, respectively, while CH represents all 4 chambers together.
- The battery icon will flash during charging and will hold when fully charged.
- The device may be used while it is charging.
- We suggest charging the device every three months

CLEANING AND MAINTENANCE

NOTE: Inspect the device and follow the cleaning and disinfecting procedures prior to each use.

WARNING: Device must be turned off and disconnected from the wall outlet prior to and during cleaning or disinfecting.

WARNING: DO NOT IMMERSE DEVICE IN ANY LIQUID FOR ANY REASON. DO NOT PLACE DEVICE IN AUTOCLAVE.

- Clean the outer surface of the pump unit using a soft cloth, moistened with soapy water or 70% isopropyl alcohol. Air dry only.
- Clean the exterior of the cuffs using a soft cloth, moistened with soapy water or 70% isopropyl alcohol. Air dry.
- Unit must be completely dry prior to use. To ensure that, leave the device in the OFF position and disconnected from the wall outlet for at least 30 minutes (and as long as necessary for the unit to dry completely) after cleaning or disinfecting.
- Do not remove the pump unit from the cuff.
- Do not place cuffs in dryer or microwave.
- Do not use hair dryer to accelerate drying.
- Do not place the device on top of or in front of portable or stationary radiators to accelerate drying.
- Do not use abrasive cleaners.

USER MAINTENANCE

- Contains no serviceable parts.
- Inspect the unit and all components for any damage that may have occurred prior to each use (for example, frayed or cut charging cord, cracked plastic housings, torn cuffs, etc). Refer to this manual for description of all components.
- Do not attempt to connect the wall supply if any damage is noticed. Avoid subjecting the unit to shocks, such as dropping the pumps.
- Do not handle the leg cuffs with any sharp objects. If an air bladder is punctured or you notice a leak, do not attempt to repair the unit or cuffs. Replacement units are available through customer service.
- Avoid folding or creasing the bladder during use and transportation of the unit. Battery is not replaceable; replacement units are available through customer service. Contact the distributor/manufacturer to receive replacements instructions for any damaged item.

WARRANTY

This device carries a limited warranty of one year from the date of delivery. The warranty applies to the device only, and the accessories are not covered by this warranty.

During the warranty period, defective items will be repaired or replaced at no charge. Any evidence of misuse, abuse, alternations, or externally caused damage may have this warranty invalid.

For more information, please contact the distributor/manufacturer.

CONTACT INFORMATION

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CX202IF05 Rev A