Quick Reference Guide to HE200 System / RF-WW-BEST

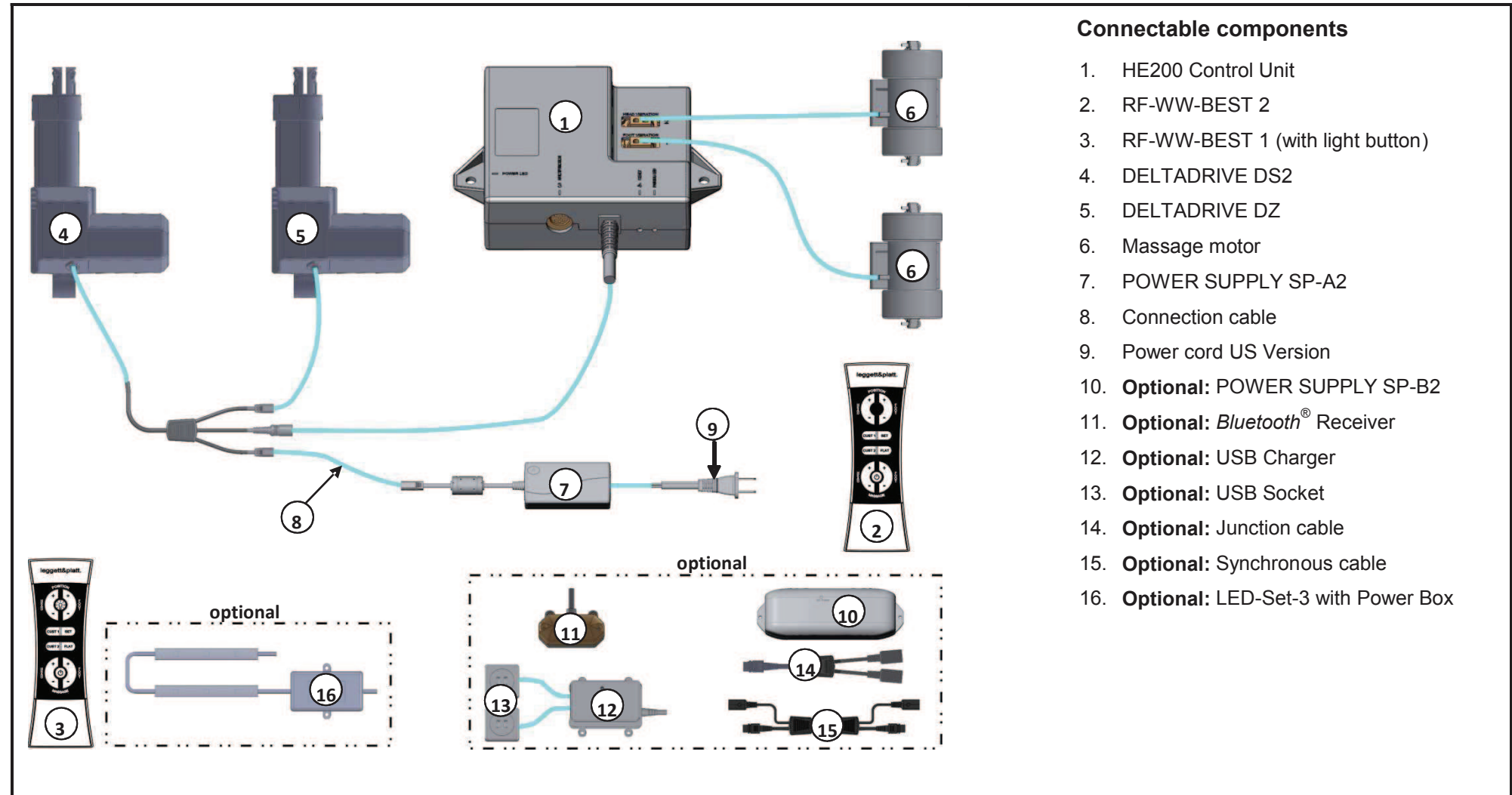**DEWERT OKIN**
A Phoenix Mecano Company

System overview

Notice! Electrical components should be connected or disconnected only when the power cord is unplugged.

Notice! There is a delay after the supply voltage is applied before the device actually turns on. Wait at least 7 seconds before commissioning.

Connectable components

1. HE200 Control Unit
2. RF-WW-BEST 2
3. RF-WW-BEST 1 (with light button)
4. DELTADRIVE DS2
5. DELTADRIVE DZ
6. Massage motor
7. POWER SUPPLY SP-A2
8. Connection cable
9. Power cord US Version
10. **Optional:** POWER SUPPLY SP-B2
11. **Optional:** *Bluetooth*® Receiver
12. **Optional:** USB Charger
13. **Optional:** USB Socket
14. **Optional:** Junction cable
15. **Optional:** Synchronous cable
16. **Optional:** LED-Set-3 with Power Box
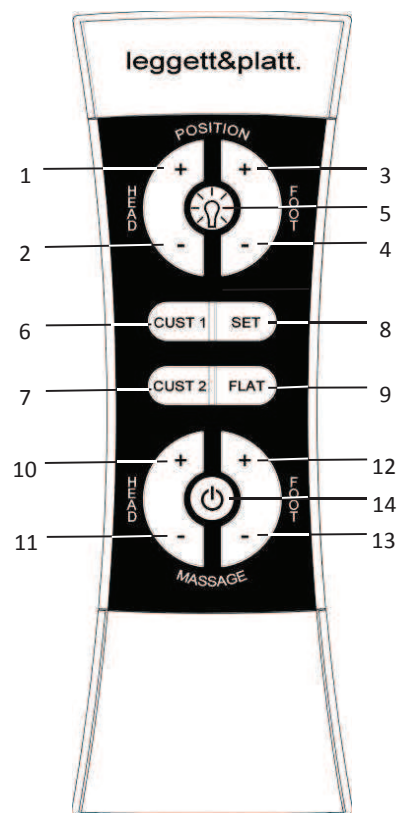
HE200 Control Unit

Connections and functions

1. Massage motor: foot end
2. Massage motor: head end
3. Multifunctions port for optional accessory
4. Reset button / Pairing button
5. Pairing LED
6. Power LED
7. Port for optional drives with direct circuit

Technical Data

Rated voltage	24V DC − 29V DC
Current consumption	max. 6,00A
Mode of operation	Intermittent duty 2 min. / 18 min.
Protection class	III
Protection degree	IP20
Length x width x height	182mm x 131mm x 50mm
Transport / storage temperature	from -20°C to +50°C
Operating temperature	from +10°C to +40°C
Relative humidity	from 30% to 75%
Air pressure	from 800hPa to 1060hPa
Altitude	< 2000m

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RF-WW-BEST 1 / 2

Button	Function
1	Drive M1 up (Head)
2	Drive M1 down (Head)
3	Drive M2 up (Foot)
4	Drive M2 down (Foot)
5	Light on/off (only RF-WW-Best 1)
6	Memory position 1 (CUST 1)
7	Memory position 2 (CUST 2)
8	Programming button
9	Reset M1 + M2 up Massage off
10	Massage intensity **+** (Head)
11	Massage intensity **-** (Head)
12	Massage intensity **+** (Foot)
13	Massage intensity **-** (Foot)
14	Massage on/off

FCC ID: O3YRF139C1HS31
IC: 10744A-RF139C1HS31

Programming the RF-WW-BEST transmitter

In order to carry out these steps, it will be necessary to activate the Reset / Paring button. In order to put the handset into operation, radio communications with the HE200 control unit must first be established.

To do this, proceed as follows:

- Give the **Reset / Pairing button 4** on the control unit **2x short press** in succession. The **Pairing-LED** comes on, the HE200 control unit now switches to the learning mode for approx. 10sec.
- Press the **buttons 1 + 9** on the RF-WW-BEST **simultaneously** and keep them pressed until the Paring-LED extinguishes (programmable process aproxx. 10 sec).The learning mode is completed.

Adjusting the intensity of the massage

To turn the massage (head and foot end) on or off, press **button 14** on the RF-WW-BEST hand-held remote control.

If the massage function is turned off, this can be turned on using **buttons 10 or 12 (+)**.

If the massage function is turned on, this can be turned off, starting from the lowest intensity, using **buttons 11 or 13 (-)**.

The massage intensity is changed through 3 steps each time one of the **buttons 10, 11, 12 or 13** is pressed.

Perform a reference drive

The HE200 control unit feature a position feedback system which in order to function optimally must first undergo a one-time referencing procedure. Actuate the **Reset / Pairing button 4** and continue to do so until all the drives travel back to the end position.

The system is ready for operation.

Saving the Memory-Position

You can save 2 different memory positions on **buttons "CUST 1"** and "**CUST 2**" as follows:

- Move to the desired position using **buttons 1 to 4**.
- Press **button 8 (SET)** for 1 second, the massage function and the optional light turn on for approx.. 1 second.
- Within 3 seconds, press **button 6 (CUST 1)** or **7 (CUST 2)** to save the position, the massage function and the optional light turn on for approx. 1 second.
- The desired position is now saved on **buttons 6** or **7** (**CUST 1** or **CUST 2**).

You can overwrite the saved memory position at any time by repeating this process.

Switching to automatic moving and factory setting

Using the **buttons "CUST 1**, **CUST 2** and **FLAT"**, you can move to various saved positions by pressing them briefly (press and release). The button does not need to be held down.

To do this, please proceed as follows:

Activation

- Press **buttons 11 and 13** simultaneously, the massage function and the optional light turn on for approx. 1 second.
- Briefly press **button 6 (CUST 1)**, **button 7 (CUST 2)** or **button 9 (FLAT)**, the drives move automatically to the desired position.

Deactivation (factory setting)

- Press **buttons 8 (SET) and 9 (FLAT)** simultaneously, the massage function and the optional light turn on for approx. 1 second.

Synchronizing two HE200 systems

Notice! Electrical components should be connected or disconnected only when the power cord is unplugged.

When two HE200 systems are being used together, you can connect them using a synchronous cable in the multifunction port.

- Use the **Reset/ Pairing button 4** on the HE200 control unit to move both of the HE200 systems to their end positions (the lower limit positions for the drives).
- Disconnect the power plug on both HE200 systems from the power socket.
- Connect both HE200 systems by connecting the proper synchronous cable into the multifunction port.
- Insert the power plug on both HE200 systems into the power socket. Synchronous operations are possible as soon as both systems are connected to the main power.
- Both programmed handsets can be used to move the HE200 systems.

Cleaning and care

The system was designed so that it would be easy to clean.

- Be sure to unplug the power cord on the power supply before you begin cleaning it!
- Clean the system using a dry cloth.
- Be sure that you do not damage the connecting cables during the cleaning

Disposal

The system consists of electronic components, cables and metal and plastic parts. You should observe all corresponding national and regional environme n-tal regulations when disposing of the system.

The disposal of the end product is regulated in Germany by Elektro -G, interna-tionally by the EU Directive 2011/65/EC (RoHS), or by any applicable national laws and regulations. (The end product is not regulated by the EU Directive 2012/19/EC (WEEE).)

The system should not be disposed of with normal household waste!

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC WARNING

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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