

DHH-10BT Digital Home Health Scale Bluetooth® Connection Procedure

This addendum provides information regarding the configuration of the bluetooth feature for the DHH-10BT. See the Digital Home Health Scale Operator Manual (PN 196008) for complete instructions.



Manuals and additional resources are available from the Rice Lake Weighing Systems website at www.ricelake.com

Warranty information can be found on the website at www.ricelake.com/warranties

Bluetooth Connection

See the following procedure to connect the DHH-10BT to bluetooth:



Note *The scale broadcasts BLE when a battery is inserted. The device scanning name is: ACCURO-FL300.*

1. Once the device is detected, connect to the device – no pairing code is required.
2. Search for the service UUID, “0000FFE0-0000-1000-8000-00805F9B34FB”.
3. Under this service, there is a characteristic labeled, “0000FFE4-0000-1000-8000-00805F9B34FB”.
4. Enable notification on this characteristic.
5. Step on the scale. The scale uploads weight data.

Field	Length	Description
Data Length	Byte 1	Indicates data length
Order Number	Byte 2	0x81 mean real-time measurement data transmission instruction
Default	Byte 3	0x00
Default	Byte 4	0x00
Default	Byte 5	0x00
Default	Byte 6	0x00
Weight Data 1	Byte 7	Weight integer high bit
Weight Data 1	Byte 8	Weight decimals low bit

Table 1. Weight Data

6. The scale uploads the stable weight data when the scale becomes stable.



Note *Finish measurement data (wait for body weight to become stable).*

Field	Length	Description
Data Length	Byte 1	Indicates data length
Order Number	Byte 2	0x82 mean after finishing measurement, the data transmission instruction
Default	Byte 3	0
Default	Byte 4	0
Default	Byte 5	0
Default	Byte 6	0
Default	Byte 7	0
Default	Byte 8	0
Default	Byte 9	0
Default	Byte 10	0
Default	Byte 11	0
Weight Data 1	Byte 12	Weight integer high bit
Weight Data 1	Byte 13	Weight decimals low bit
Default	Byte 14	0
Default	Byte 15	0
Default	Byte 16	0
Default	Byte 17	0

Table 2. Stable Weight Data

Change Units

To change units, send command to characteristic 0000FFE9-0000-1000-8000-00805F9B34FB.

This characteristic is under service 0000FFE5-0000-1000-8000-00805F9B34FB. The data displays in the following format:

Field	Length	Description
Data Length	Byte 1	Indicates data length
Order Number	Byte 2	0x90 means response data request instructions
Operation Identification	Byte 3	0x01
Default	Byte 4	0x01
Default	Byte 5	0x00
Default	Byte 6	0x00
Default	Byte 7	0x00
Default	Byte 8	0x00
Default	Byte 9	0x00
Default	Byte 10	0x00
Default	Byte 11	0x00
Default	Byte 12	Weight integer high bit
Default	Byte 13	Weight decimals low bit
Default	Byte 14	0x00
Current show unit of measurement	Byte 15	Kg 0x01, lb 0x02

Table 3. Change Data Format



Note

Weight data base on KG unit and format is HEX.

How to calculate weight value from upload data: (KG unit): Convert HEX to OCT then divide 100 to get weight data.



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