

H200 Wireless Control Unit

The Control Unit is used to:

- Turn on/off the NESS H200 Wireless System.
- Test stimulation in the Orthosis.
- Select a stimulation program.
- Turn on/off and pause stimulation.
- Adjust the stimulation intensity level.
- Monitor system status.
- Mute system audio alerts.

The Control Unit is powered by a single rechargeable NiMH AAA battery.



CAUTION: Use only a battery supplied by Bioness Inc.

Operating Buttons

The Control Unit has eight operating buttons. See Table 6-1, Figure 6-1, and Table 6-2.

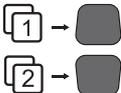
Operating Button	Description	Function
	On/Off Button	Turns On/Off the System
	Trigger Button	Turns On/Off and Pauses Stimulation
	Intensity Adjustment Buttons	 Increases Stimulation Intensity  Decreases Stimulation Intensity
	Mute Button	Mutes/Un-Mutes the Control Unit and H200 Wireless Orthosis Audio Alerts
	Program Selection Buttons	Top: Selects Program 1 Bottom: Selects Program 2
	Stimulation Test Button	Tests Stimulation in the H200 Wireless Orthosis

Table 6-1: Operating buttons: functions.

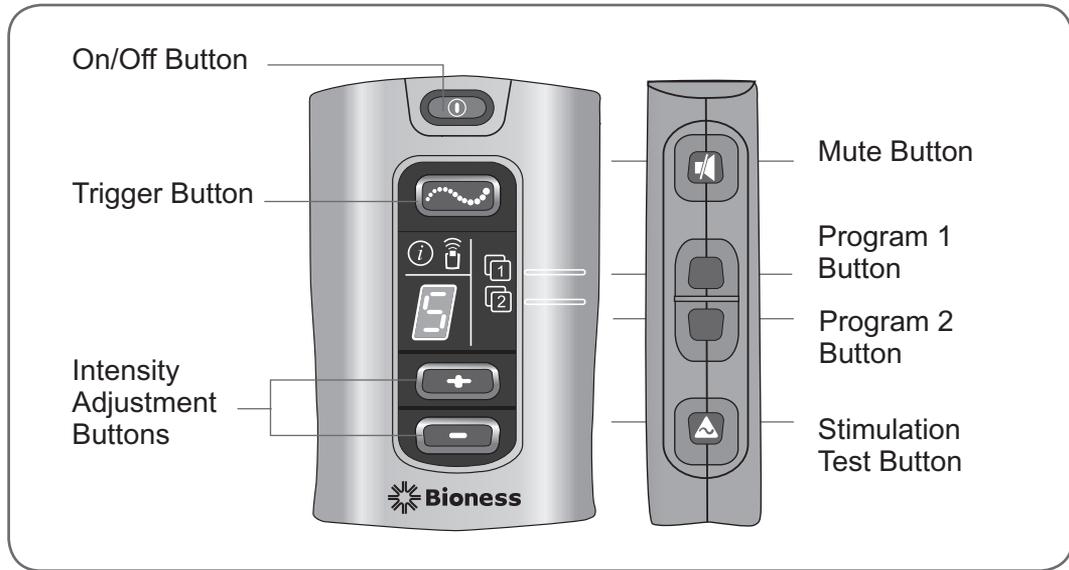


Figure 6-1: Operating buttons.

Visual Display	Description	Definition
	On/Off Button FLASHES GREEN	System On
	Trigger Button FLASHES YELLOW RAPIDLY	Stimulation On
	Trigger Button is SOLID YELLOW	Stimulation Paused

Table 6-2: Operating buttons: visual displays.

Indicators and Digital Display

The Control Unit front panel features:

- A Control Unit status indicator: 
- An RF communication indicator: 
- Program 1 and Program 2 selection indicators: 
- A digital display. See Figure 6-2.

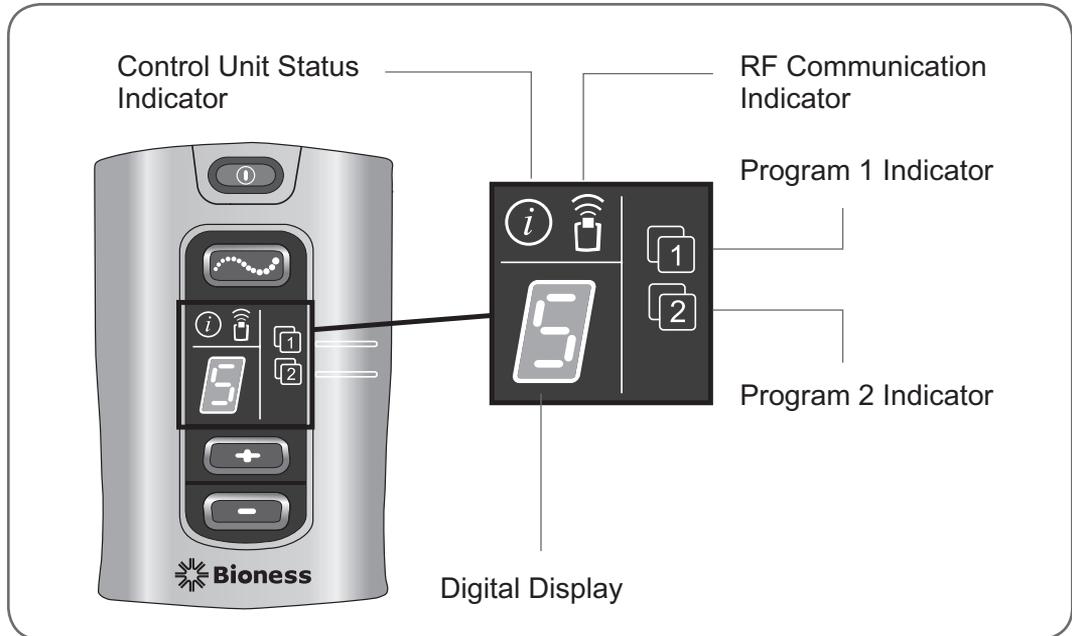


Figure 6-2: H200 Wireless Control Unit digital display and indicators.

The Control Unit indicators show:

- Control Unit status.
- Stimulation program selected.
- Control Unit low battery.
- RF communication status. See Table 6-3.

Indicator	Description	Definition
	Control Unit Status Indicator FLASHES YELLOW	Low Battery, H200 Wireless Control Unit
	Control Unit Status Indicator is SOLID RED	Control Unit Charging Error; Electronic Registration Error; Control Unit Hardware/Software Error
	Program 1 Indicator is GREEN	Program 1 Selected
	Program 2 Indicator is GREEN	Program 2 Selected
	RF Communication Indicator FLASHES RED	RF Communication Error

Table 6-3: H200 Wireless Control Unit indicator lights.

The Control Unit digital display shows:

- Stimulation intensity level: 0–9.
- Electronic registration status.
- Battery charging status. See Table 6-4.

Display	Description	Definition
	0–9	Stimulation Intensity Level; "0" Equals No Stimulation
	Alternating GREEN Arches	Registration in Process
	Letter "C"	Registration Complete
	Letter "E"	Registration Error
	Letter "U"	H200 Wireless Control Unit Unregistered
	Rotating GREEN Circle	H200 Wireless Control Unit Charging
	Horizontal GREEN Line	H200 Wireless Control Unit Fully Charged

Table 6-4: H200 Wireless Control Unit digital displays.

Audio Alerts

The H200 Wireless Control Unit beeps to indicate:

- Electronic registration was initiated, successful, or unsuccessful.
- The NESS H200 Wireless System was turned on/off.
- A program has ended and stimulation has stopped.
- An Control Unit hardware/software error occurred.
- The Control Unit battery charge level is low.
- The audio alerts were muted/un-muted.
- A charger was connected.
- RF communication failed.
- A button was pressed.

Charging Port

The Control Unit charging port is located at the bottom of the Control Unit, under the flexible cover. See Figure 6-3.

Note: Next to the charging port is the signal input/output port for the clinician's programmer.

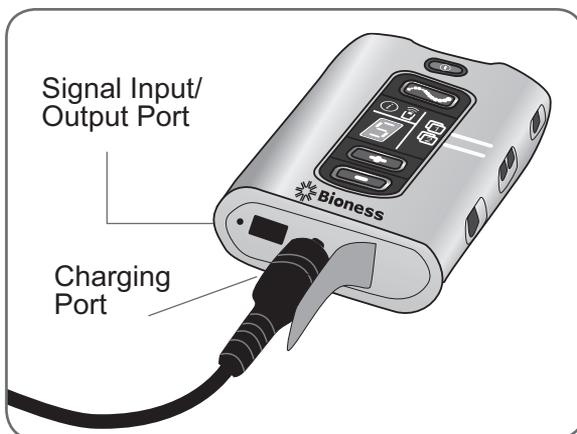


Figure 6-3: Control Unit charging port.



CAUTION: The signal input/output port on the Control Unit is only to be used by the clinician during setup.