

# HF10<sup>®</sup>

## Accessory Guides



*How to use the Trial Device*



*How to use the Remote Control  
(PTRC1000)*



*How to use the Remote Control  
(PTRC2300 - 3 Program Remote)*



*How to use the Omnia™ Remote Control  
(PTRC2500 - 5 Program Remote)*



*How to use the Charger  
(CHGR1000)*



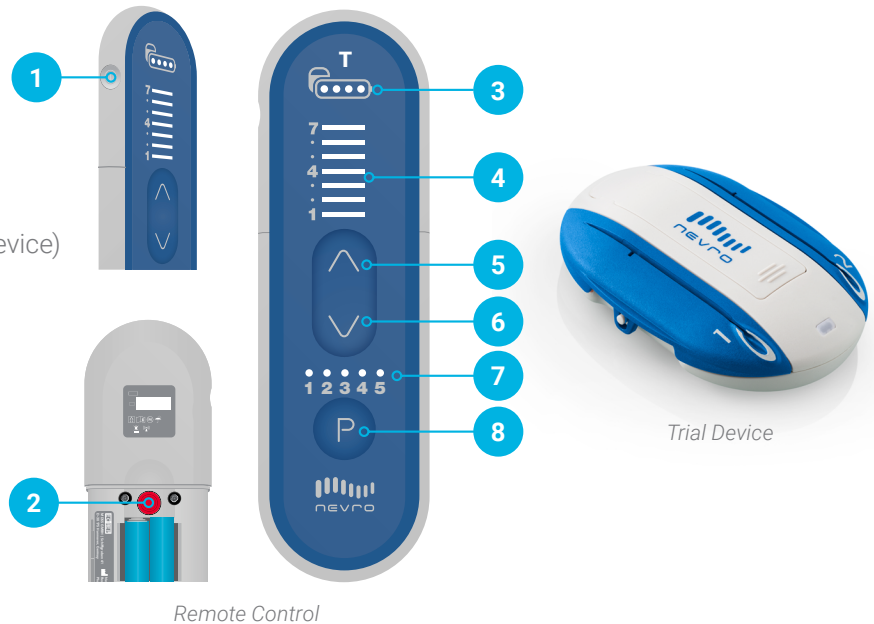
*How to use the Charger  
(CHGR2500)*

# HF10™ *How to use the Trial Device*

## *For Patients in the Trial Phase*

You will be using your Remote Control (PTRC3000T) to make all stimulation changes during your trial.

1. Remote Control ON/OFF Button
2. Stimulation OFF Button
3. Battery Level Indicator (Charge Level of Trial Device)
4. Stimulation Level Indicator ("ladder lights")
5. Stimulation Start/Increase Button
6. Stimulation Decrease Button
7. Program Indicator
8. Program Selection Button




### *Your HF10 Trial Device Guide*

During the trial period, please keep your Remote Control close to your Trial Device, as the two will communicate and the Remote Control will beep if any of your leads get disconnected from the Trial Device, or if the Trial Device battery is low. The Remote Control will give these alerts even if it is off.

- Your Trial Device delivers stimulation to the leads.
- You will make all stimulation changes using your Remote Control.
- Be sure to keep the Trial Device dry.
- Avoid interacting directly with the Trial Device (e.g. touching or applying pressure) as these activities could cause it to come loose from your body.
- Check the Stimulation Level Indicator light on your Remote Control two times per day to confirm HF10 is on.

### *Turning the Remote Control ON*

Press and hold side button  until you hear a long beep.

- You may need to press  for up to 5 seconds.
- If the Remote Control syncs with the Trial Device, at least one LED light on the Remote Control will light up.
- If the Remote Control cannot sync with the Trial Device, you will hear 3 beeps and the lights on the Remote Control will turn OFF.
- Repeat these steps until you have a link with the Trial Device. Moving the Remote Control closer to the Trial Device will help.
- Other buttons on the Remote Control will respond only when the Remote Control is ON and linked to an Trial Device.


### *Turning the Remote Control OFF*

Press side button  to turn off the Remote Control.


- Stimulation continues even when the Remote Control is OFF.
- Remote Control will turn off by itself after 2 minutes of inactivity.

## Turning stimulation ON and changing program

To turn stimulation ON, make sure the Remote Control is ON.

- Stimulation is ON unless it has been turned OFF.
- If Stimulation Level Indicator is not illuminated, stimulation is OFF. Press  once to turn stimulation ON to predetermined level.
- When stimulation is turned ON (after it was turned OFF), the Implant will be on the starting level for the last active program used.

To change the program, press the Program Selection Button .



- Press  repeatedly until the light is at the desired program number.
- Once desired program is selected, do not press any buttons until the light stops blinking. The Remote Control will sound 1 beep, confirming the new program setting. Verify that the light above the desired program number is steadily illuminated.
- If the Remote Control beeps 3 times and the Program Indicator goes back to the previous program, then the program was not successfully changed. Place the Remote Control closer to the Trial Device and repeat previous steps.

## Changing stimulation level

The remote should be turned ON before adjusting the stimulation level.


Press  to increase stimulation level.

Press  to decrease stimulation level..

- For each  or , 1 beep will sound.
- The level of stimulation can be seen in the Stimulation Level Indicator.
- When stimulation level for selected program is at the maximum or minimum level AND you try to go one level up or down, 2 beeps sound, indicating that you are at the currently programmed limit.

## Turning stimulation OFF

Once the Remote Control is ON, press the  under the battery door to turn stimulation OFF.

- The lights on the Stimulation Level Indicator will be OFF when stimulation is OFF.
- The  button only turns stimulation OFF. It does not turn stimulation ON.

## Replacing the batteries

Replace the batteries in the Remote Control if any of the following situations arise:



- The Remote Control beeps 6 times when turned on.
- The Remote Control will not turn on.

The Remote Control uses 2 AAA batteries, alkaline only. DO NOT USE lithium or rechargeable batteries.

When the Battery Level Indicator shows 1 dot or the indicator lights are blinking, the batteries in the Trial Device are running low. If the indicator lights are blinking, contact your doctor to schedule an appointment to change your battery.

If the Remote Control beeps 10 times when you turn it ON, the Trial Device battery is completely empty, and HF10 stimulation has been turned OFF.

## Troubleshooting

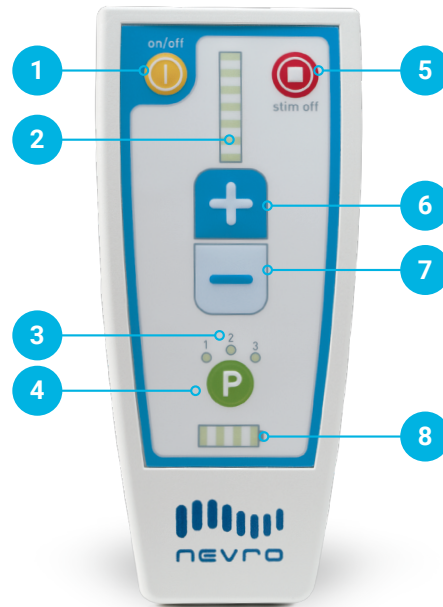
<i>What You Hear</i>	<i>What You See</i>	<i>What It Means</i>	<i>What To Do</i>
Continuous beeping for 60 seconds	<p>All the Stimulation Level Indicator lights are blinking</p>  A vertical strip of seven horizontal bars. The top bar is labeled '7', the second '4', and the bottom '1'. Each bar has a series of small dots along its length, representing individual stimulation levels.	There may be a loose connection between a lead and the Trial Device.	<p>Dismiss the beeping and blinking by pressing and holding the ON / OFF button for up to five seconds.</p> <p>Contact your doctor.</p>
Continuous beeping for 60 seconds	<p>All the Battery Level lights are blinking</p>  A blue rectangular icon representing a battery. Inside the rectangle, there are four white circles, each with a small dot in the center, indicating the battery level.	The Trial Device battery is low or completely empty.	<p>Dismiss the beeping by pressing and holding the ON / OFF button for up to five seconds. The battery lights will continue to flash.</p> <p>Contact your doctor.</p>



# How to use the Remote Control (PTRC1000)

## For Patients in the Trial and Implant Phase

1. Remote Control ON/OFF Button
2. Stimulation Level Indicator ("ladder lights")
3. Program Indicator
4. Program Selection Button
5. Stimulation OFF Button
6. Stimulation Start/Increase Button
7. Stimulation Decrease Button
8. Battery Level Indicator  
(Charger level of Trial Device or Implant)



### Tips

Guidance on using your Remote Control will be provided by your HF10 care team. You may not need to make any programming changes during the temporary trial. To achieve optimal relief, make sure you work closely with your HF10 care team.

Replace the batteries in the Remote Control if any of the following situations arise:


- The Remote Control beeps 6 times when turned on.
- The Remote Control will not turn on.

The Remote Control uses 2 AA batteries, alkaline only. DO NOT USE lithium or rechargeable batteries.

When the Battery Level Indicator shows 2 bars or fewer, the batteries in the Trial Device need to be replaced. See Trial Device Guide.



### Turning the Remote Control ON

Press  and hold until you see lights turn on and hear a beep.


- You may need to press  for up to 5 seconds.
- If the Remote Control syncs with the Trial Device or Implant, your Program Indicator (1, 2, or 3) will light up. You'll also see lights on the Stimulation Level Indicator indicating HF10 is ON.
- If the Remote Control cannot sync with the Trial Device or Implant, you will hear 3 beeps and the lights on the Remote Control will turn OFF.
- Repeat these until you have a link with the Trial Device or Implant. Moving the Remote Control closer to the Trial Device or Implant will help.
- Other buttons on the Remote Control will respond only when the Remote Control is ON and linked to the Trial Device or Implant.

## Turning Remote Control OFF

Press  to turn OFF the Remote Control.

- Stimulation continues even when the Remote Control is OFF.
- DO NOT press  to turn OFF the Remote Control.  
 turns stimulation OFF.
- Remote Control will turn off by itself after 2 minutes of inactivity.

## Turning stimulation OFF

Once the Remote Control is ON, press  to turn stimulation OFF.


- The lights on the Stimulation Level Indicator will be OFF when stimulation is OFF.
- This button only turns stimulation OFF. It does not turn stimulation ON.

## Turning stimulation ON and changing program

To turn stimulation ON, press . The Remote Control must be ON.

- Stimulation is ON unless it has been turned OFF.
- When stimulation is turned ON (after it was turned OFF), the Trial Device or Implant will be on the starting level for the last active program used.

To change the program, press .



- Program Indicator light will start blinking.
- Press  repeatedly until the light is at the desired program number.
- Once desired program is selected, do not press any buttons until the light stops blinking. The Remote Control will sound one long beep, confirming the new program setting. Verify that the light above the desired program number is steadily illuminated.
- If the Remote Control beeps 3 times and the Program Indicator goes back to the previous program, then the program was not successfully changed. Place the Remote Control closer to the Trial Device or Implant and repeat previous steps.

## Changing stimulation level

The remote should be turned ON before adjusting the stimulation level.

Press  to increase stimulation level.

Press  to decrease stimulation level.

- For each  or , 1 beep will sound.
- The level of stimulation can be seen in the Stimulation Level Indicator.
- When stimulation level for selected program is at the maximum or minimum level AND you try to go one level up or down, 2 beeps sound, indicating that you are at the currently programmed limit.


# Impedance Check Instructions for MRI Scans (PTRC1000)







An Impedance check for your system is required to be performed prior to you receiving an MRI scan. Before initiating an impedance check, be sure to note the program and number of levels you are on in order to confirm there are no changes to your settings made during the process.

Below are step by step instructions on how to perform the check. Contact your HF10 care team before conducting an impedance check on your device. Not all remotes will have this functionality.


## Turn on your Remote Control

- Press and hold the yellow on/off button  at the top left corner of the Remote Control for 5 seconds, or until you hear a long beep indicating the Remote Control has connected to your implant device.



## Turn off Stimulation and Initiate Impedance Check

- Next, press and hold the stim off button  at the top right corner of the Remote Control for at least 10 seconds.
- The Remote Control will beep and the Stimulation Level Indicator or "ladder lights" will turn off, confirming that stimulation has been turned OFF. 
- While you continue to hold down the stim off button  the ladder lights will begin to light up from bottom to top. This indicates the impedance check is in process.
- The remote will then beep when the impedance check is complete. Once you hear another beep or series of beeps, you can release the . These beeps (described below) indicate whether you had a successful or unsuccessful impedance check.




## Successful Impedance Check Indicators

- To be eligible for an MRI procedure, all of your impedances need to be within an acceptable range. The impedances are within an acceptable range when you hear one long beep and see all ladder lights on your Remote Control, including the battery bar, light up solid after holding the stim off button  for more than 10 seconds after following the instructions above.

## Unsuccessful Impedance Check Indicators

- If the impedance check was unsuccessful, you will hear 3 short beeps after holding the  stim off button for 10 seconds after following the instructions above. Move the Remote Control closer to your device and press and hold the  to re-run the impedance check.
- If you hear 4 short beeps followed by one or more of the ladder lights or battery level indicator flashing, this indicates one or more of the electrode impedances are not within acceptable range and an MRI cannot be completed. Please contact the Technical Services team at 888-895-8105 for support.

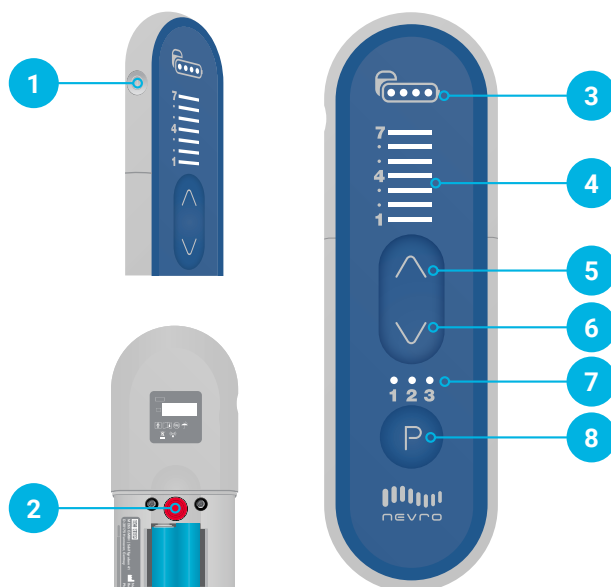
## Exit Impedance Check Instructions and Turn Stimulation Back On

- To exit the impedance check mode, press the yellow on/off button  on the Remote Control for 5 seconds until all lights on the Remote Control turn off. When the Remote Control is turned on next, it will return to the normal mode.
- To turn stimulation back ON, first turn the Remote Control on using the yellow on/off button , then press the '+' button  once. You will now see lights on your ladder indicating stimulation is ON and you can adjust program settings as needed.

# HF10™ *How to use the Remote Control (PTRC2300)*

## *For Patients in the Implant Phase*

1. Remote Control ON/OFF Button
2. Stimulation OFF Button
3. Battery Level Indicator (Charge Level of Implant)
4. Stimulation Level Indicator ("ladder lights")
5. Stimulation Start/Increase Button
6. Stimulation Decrease Button
7. Program Indicator
8. Program Selection Button



### *Tips*

Replace the batteries in the Remote Control if any of the following situations arise:

- The Remote Control beeps 6 times when turned on.
- The Remote Control will not turn on.
- It has been 3 months since the last battery change.

To achieve optimal relief, make sure you work closely with your HF10 care team to identify which programs work best for you. They will provide guidance on how and when to use the Remote Control.

The Omnia Remote Control uses 2 AAA batteries, alkaline only.


DO NOT USE lithium or rechargeable batteries.

When the Battery Level Indicator shows 2 dots or less, your Implant battery needs to be recharged using the Charger.

Video instructions are available at [www.HF10.com/Resources/existing-patients](http://www.HF10.com/Resources/existing-patients).

### *Turning the Remote Control ON*

Press and hold side button  until you hear a long beep.

- You may need to press  for up to 5 seconds.
- If the Remote Control syncs with the Implant, at least one LED light on the Remote Control will light up.
- If the Remote Control cannot sync with the Implant, you will hear 3 beeps and the lights on the Remote Control will turn OFF.
- Repeat these steps until you have a link with the Implant. Moving the Remote Control closer to the Implant will help.
- Other buttons on the Remote Control will respond only when the Remote Control is ON and linked to an Implant.




## Turning Remote Control OFF

Press side button  to turn off the Remote Control.


- Stimulation continues even when the Remote Control is OFF.
- Remote Control will turn off by itself after 2 minutes of inactivity.

## Turning stimulation ON and changing program

To turn stimulation ON, make sure the Remote Control is ON.

- Stimulation is ON unless it has been turned OFF.
- If Stimulation Level Indicator is not illuminated, stimulation is OFF. Press  once to turn stimulation ON to predetermined level.
- When stimulation is turned ON (after it was turned OFF), the Implant will be on the starting level for the last active program used.

To change the program, press the Program Selection Button .



- Press  repeatedly until the light is at the desired program number.
- Once desired program is selected, do not press any buttons until the light stops blinking. The Remote Control will sound 1 beep, confirming the new program setting. Verify that the light above the desired program number is steadily illuminated.
- If the Remote Control beeps 3 times and the Program Indicator goes back to the previous program, then the program was not successfully changed. Place the Remote Control closer to the Implant and repeat previous steps.

## Changing stimulation level

The remote should be turned ON before adjusting the stimulation level.


Press  to increase stimulation level.

Press  to decrease stimulation level.

- For each  or , 1 beep will sound.
- The level of stimulation can be seen in the Stimulation Level Indicator.
- When stimulation level for selected program is at the maximum or minimum level AND you try to go one level up or down, 2 beeps sound, indicating that you are at the currently programmed limit.

## Turning stimulation OFF

Once the Remote Control is ON, press the  under the battery door to turn stimulation OFF.

- The lights on the Stimulation Level Indicator will be OFF when stimulation is OFF.
- The  button only turns stimulation OFF. It does not turn stimulation ON.


# Impedance Check Instructions for MRI Scans (PTRC2300)









An Impedance Check for your system is required to be performed prior to you receiving a MRI scan. Before initiating an impedance check, be sure to note the program and number of levels you are on in order to confirm there are no changes to your settings made during the process.

Below are step by step instructions on how to perform the check. Contact your HF10 care team before conducting an impedance check on your device. Not all remotes will have this functionality.

## Turn on your Remote Control

- Press and hold the  on the side of the Remote Control for 5 seconds, or until you hear a long beep indicating the Remote Control has connected to your Implant.


## Turn off Stimulation and Initiate Impedance Check

- Once the Remote Control is on, slide the battery cover on the back of the Remote Control open just enough to expose the . Press and hold the  for at least 10 seconds.
- Continue to hold down the  even after the Remote Control beeps and you see the illuminated numbered levels turn off, confirming the stimulation has been turned OFF.
- While you continue to hold down the , the illuminated numbered levels ("ladder lights") then will begin to light up from bottom to top. This indicates the impedance check is in process. 
- The Remote Control will then beep when the impedance check is complete. once you hear another beep or series of beeps, you can release the . These beeps (described on next page) indicate whether you had a successful or unsuccessful impedance check.




## Successful Impedance Check Indicators

- To be eligible for an MRI procedure, all your impedances need to be within an acceptable range. The impedances are within an acceptable range, when you hear one long beep and see all numbered levels and all four of the battery lights on your Remote Control light up solid.

## Unsuccessful Impedance Check Indicators

- If the impedance check was unsuccessful, you will hear 3 short beeps. Move the Remote Control closer to your device and press and hold the  to re-run the impedance check.
- If you hear 4 short beeps followed by one or more of the illuminated number levels or battery level indicator on your Remote Control flashing, this indicates one or more of the electrode impedances are not within acceptable range and the MRI cannot be completed. Please contact the Technical Services team at 888-895-8105 for support.

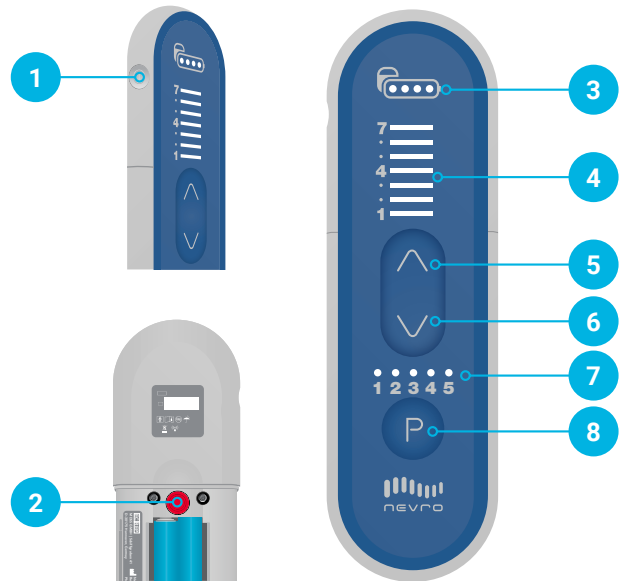
## Exit Impedance Check Mode and Turn Stimulation Back On

- To exit the impedance check mode, press the  on the side of your Remote Control for 5 seconds until all lights on the Remote Control turn off. When the Remote Control is turned on next, it will return to the normal mode.
- To turn stimulation back ON, first turn the Remote Control on using the  located on the side of the Remote, then press the  once. You will now see illuminated number levels indicating stimulation is ON and you can adjust program settings as needed.

# HF10™ *How to use the Omnia™ Remote Control (PTRC2500)*

## *For Patients in the Implant Phase*

1. Remote Control ON/OFF Button
2. Stimulation OFF Button
3. Battery Level Indicator (Charge Level of Implant)
4. Stimulation Level Indicator ("ladder lights")
5. Stimulation Start/Increase Button
6. Stimulation Decrease Button
7. Program Indicator
8. Program Selection Button



### *Tips*

Replace the batteries in the Remote Control if any of the following situations arise:

- The Remote Control beeps 6 times when turned on.
- The Remote Control will not turn on.
- It has been 3 months since the last battery change.

To achieve optimal relief, make sure you work closely with your HF10 care team to identify which programs work best for you. They will provide guidance on how and when to use the Remote Control.

The Omnia Remote Control uses 2 AAA batteries, alkaline only.


DO NOT USE lithium or rechargeable batteries.

When the Battery Level Indicator shows 2 dots or less, your Implant battery needs to be recharged using the Charger.

Video instructions are available at [www.HF10.com/Resources/existing-patients](http://www.HF10.com/Resources/existing-patients).

### *Turning the Remote Control ON*

Press and hold side button  until you hear a long beep.

- You may need to press  for up to 5 seconds.
- If the Remote Control syncs with the Implant, at least one LED light on the Remote Control will light up.
- If the Remote Control cannot sync with the Implant, you will hear 3 beeps and the lights on the Remote Control will turn OFF.
- Repeat these steps until you have a link with the Implant. Moving the Remote Control closer to the Implant will help.
- Other buttons on the Remote Control will respond only when the Remote Control is ON and linked to an Implant.


## Turning Remote Control OFF

Press side button  to turn off the Remote Control.


- Stimulation continues even when the Remote Control is OFF.
- Remote Control will turn off by itself after 2 minutes of inactivity.

## Turning stimulation ON and changing program

To turn stimulation ON, make sure the Remote Control is ON.

- Stimulation is ON unless it has been turned OFF.
- If Stimulation Level Indicator is not illuminated, stimulation is OFF. Press  once to turn stimulation ON to predetermined level.
- When stimulation is turned ON (after it was turned OFF), the Implant will be on the starting level for the last active program used.

To change the program, press the Program Selection Button .



- Press  repeatedly until the light is at the desired program number.
- Once desired program is selected, do not press any buttons until the light stops blinking. The Remote Control will sound 1 beep, confirming the new program setting. Verify that the light above the desired program number is steadily illuminated.
- If the Remote Control beeps 3 times and the Program Indicator goes back to the previous program, then the program was not successfully changed. Place the Remote Control closer to the Implant and repeat previous steps.

## Changing stimulation level

The remote should be turned ON before adjusting the stimulation level.








Press  to increase stimulation level.

Press  to decrease stimulation level.

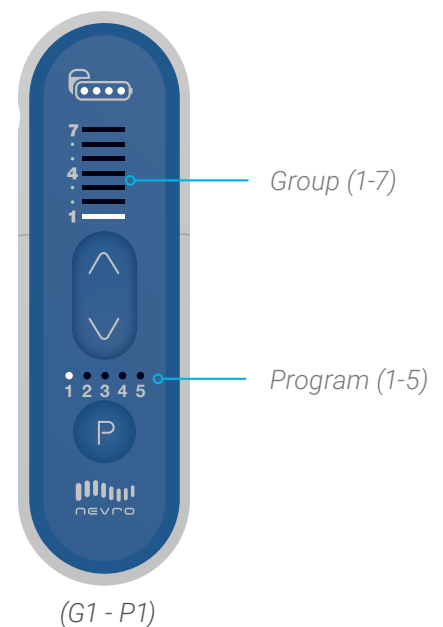
- For each  or , 1 beep will sound.
- The level of stimulation can be seen in the Stimulation Level Indicator.
- When stimulation level for selected program is at the maximum or minimum level AND you try to go one level up or down, 2 beeps sound, indicating that you are at the currently programmed limit.

## How to change groups

Please contact your HF10 Care Team before accessing these settings in your remote control. Not all remotes will have this functionality.


- To enter Group Change mode, press and hold the  for at least 3 seconds. You will then see one blinking light above the  that indicates what Group number you are currently on. Use the  or  to move to desired Group number.
- To confirm the change to your new group, press and hold the  again for at least 3 seconds. You will hear one long beep that confirms the change has been made. The remote will then automatically exit Group Change mode. If you do not confirm the Group number change within 60 seconds, changes will not be saved.
- Your remote will show what Group number you are currently on any time you change programs. To activate a program change, press the  once. You will then see one number level illuminated indicating your current group number. Press the  a second time to move to the next program.

*Example: Remote Control showing Group 1 - Program 1*



## Turning stimulation OFF

Once the Remote Control is ON, press the  under the battery door to turn stimulation OFF.

- The lights on the Stimulation Level Indicator will be OFF when stimulation is OFF.
- The  button only turns stimulation OFF. It does not turn stimulation ON.


## Impedance Check Instructions for MRI Scans (PTRC2500)









An Impedance Check for your system is required to be performed prior to you receiving an MRI scan. Before initiating an impedance check, be sure to note the program and number of levels you are on in order to confirm there are no changes to your settings made during the process. Not all remotes will have this functionality.

Below are step by step instructions on how to perform the check. Contact your HF10 care team before conducting an impedance check on your device.

### Turn on your Remote Control

- Press and hold the  on the side of the Remote Control for 5 seconds, or until you hear a long beep indicating the Remote Control has connected to your Implant.


### Turn off Stimulation and Initiate Impedance Check

- Once the Remote Control is on, slide the battery cover on the back of the Remote Control open just enough to expose the . Press and hold the  for at least 10 seconds.
- Continue to hold down the  even after the Remote Control beeps and you see the illuminated numbered levels turn off, confirming the stimulation has been turned OFF.
- While you continue to hold down the . The illuminated numbered levels or “ladder lights” then will begin to light up from bottom to top. This indicates the impedance check is in process. 
- The Remote Control will then beep when the impedance check is complete. Once you hear another beep or series of beeps, you can release the . These beeps (described below) indicate whether you had a successful or unsuccessful impedance check.




### Successful Impedance Check Indicators

- In order to be cleared for an MRI procedure, all of your impedances need to be within an acceptable range. The impedances are within an acceptable range, when you hear one long beep and see all numbered levels and all four of the battery lights on your Remote Control light up solid.

### Unsuccessful Impedance Check Indicators

- If the impedance check was unsuccessful, you will hear 3 short beeps. Move the Remote Control closer to your device and press and hold the  to re-run the impedance check.
- If you hear 4 short beeps followed by one or more of the illuminated number levels or battery light on your Remote Control flashing, this indicates one or more of the electrode impedances are not within acceptable range and the MRI cannot be completed. Please contact the Technical Services team at 888-895-8105 for support.

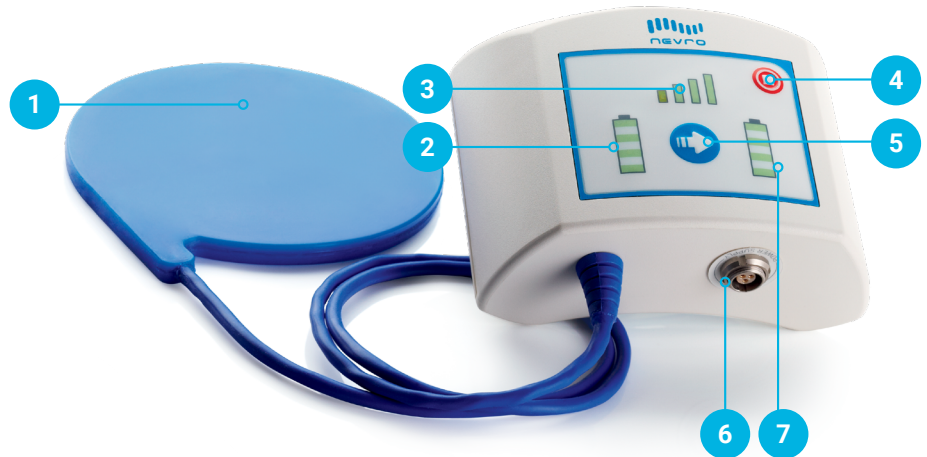
### Exit Impedance Check Mode and Turn Stimulation Back On

- To exit the impedance check mode, press the  on the side of your Remote Control for 5 seconds until all lights on the Remote Control turn off. When the Remote Control is turned on next, it will return to the normal mode.
- To turn stimulation back ON, first turn the Remote Control on using the  located on the side of the Remote, then press the  once. You will now see illuminated number levels indicating stimulation is ON and you can adjust program settings as needed.


# HF10™ *How to use the Charger (CHGR1000)*

## *For Patients in the Implant Phase*

1. Charging Coil
2. Charger Battery Level Indicator
3. Antenna Strength Indicator
4. Stimulation OFF Button
5. Charge Start Button
6. Power Adapter Port
7. Implant Battery Level Indicator



### *Tips*

Do not press  unless you want to turn OFF HF10.  
To turn HF10 ON, use your Remote Control.

Charging times may vary for each session, depending on factors such as recharging frequency and stimulation settings.

If the Charging Coil has an insufficient link (shown by the Antenna Strength Indicator), reposition the Charging Coil slowly and wait 3 seconds. The Antenna Strength Indicator may take up to 3 seconds to update the new Charging Coil position. Repeat as necessary.

If charging time is shorter than expected, your Implant may have been turned OFF. Make sure your Implant is turned ON with the Remote Control.

### *Important reminders*

Do not charge the Implant while the Charger is plugged into the wall. Always remove the Power Adapter before pressing the Charge Start Button.

Recharge the Implant regularly to develop an easy-to-remember routine.

While charging, the implant site may become warm. If pain or discomfort is felt, stop charging and contact your doctor or HF10 care team.

After recharging the Implant, plug the Charger back into the wall so the Charger will be ready for your next recharging session.

Use the Remote Control after charging to verify that HF10 is ON. If charging times dramatically increase, please notify your HF10 care team.

Video instructions are available at [www.HF10.com/Resources](http://www.HF10.com/Resources).

## Charging preparation

Place the center of the circular Charging Coil over the top of your Implant.

- Figure 1 shows that the top of the Implant (in yellow box) is at the center of the Charging Coil.
- Figure 2 shows an Implant just below the beltline. Your Implant may be in a different location, such as on your front side, in the abdomen (not shown).

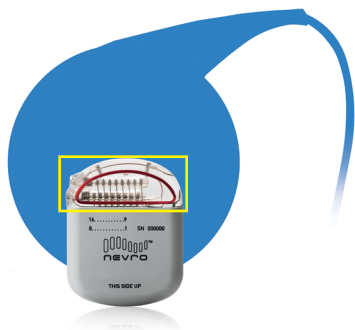


Figure 1

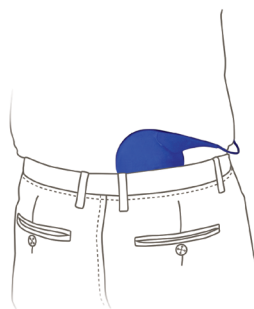



Figure 2

## Initiate charging

Press  and hold until beeping starts, then release.

1. Beeping and blinking of green lights continues until the Charger links with the Implant.
2. If 10 to 12 seconds pass without a link, the Charger will sound one long beep and shut off. Reposition the Charging Coil and press hold  again.
3. When lights appear on the Antenna Strength Indicator, a link has been made. More lights mean a better link, and make it less likely that charging will be interrupted by movements.
4. If the link is insufficient or lost, the Antenna Strength Indicator will show only the small orange bar and beep intermittently.

If the link is not made, is insufficient, or is lost, reposition the blue Charging Coil slowly and repeat Steps 1 and 2.

## Charging

Charging is in progress when you see lights blinking on both the Charger Battery Level Indicator and the Implant Battery Level Indicator. As charging progresses, the number of lights on the Charger Battery Level Indicator will decrease and the number of lights on the Implant Battery Level Indicator will increase.

- If the link is lost, the Charger will beep. Reposition the Charging Coil and repeat Steps 1 and 2.

## Complete charging

When charging is complete, one long beep will sound and the lights on the Charger will turn OFF. Check the Implant Battery Level to make sure the battery is fully charged.

Use the Remote Control to check that the Implant is turned ON.

Plug the Charger into the wall socket to ensure the Charger will be ready for the next charging session.

- To plug the Charger into the wall socket, connect the Power Adapter into the Charger's Power Adapter Port, then plug the Power Adapter into the wall socket.
- It's okay to continuously charge the Charger. The battery will not be damaged.

## Using the charger belt

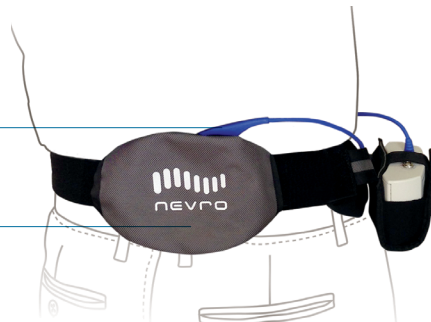
Once you know where to place the Charging Coil to achieve a strong link with the Implant, use the Charger Belt to secure the Charging Coil's location on your body before charging.

1. Place the blue Charging Coil in the mesh pouch on the Charger Belt and securely attach belt around the waist.
2. Initiate charging and move the Charging Coil until it links with the Implant.
3. If you want to be mobile during charging, insert the Charger into the holster. Then clip the holster to your belt or pants.

The Charging Coil can be inserted into the mesh pouch through the opening at the top of the Charger Belt

Charger Belt

Charger Holster





# HF10™ *How to use the Charger (CHGR2500)*

## *For Patients in the Implant Phase*


1. Charging Coil
2. Power Adapter Port
3. Charger Battery Level Indicator
4. Charge Start Button
5. Antenna Strength Indicator
6. Implant Battery Level Indicator



### *Tips*


Charging times may vary for each session, depending on factors such as recharging frequency and stimulation settings.

If the Charging Coil has an insufficient link (shown by the Antenna Strength Indicator circle lights), reposition the Charging Coil slowly and wait 3 seconds. The Antenna Strength Indicator circle lights may take up to 3 seconds to update the new Charging Coil position. Repeat as necessary.

If charging time is shorter than expected, your Implant may have been turned OFF. Make sure your Implant is turned ON with the Remote Control. You will know stimulation is ON if you see the lights illuminated above the  arrow.

### *Important reminders*

You can still get stimulation from your Implant even during charging.

Do not charge the Implant while the Charger is plugged into the wall. Always remove the Power Adapter before pressing the Charge Start Button . Unplug the Power Adapter from the wall each time you use the Charger on your Implant. Once you are finished charging, plug the Charger back into the Power Adapter and then the Power Adapter into the wall so the Charger will be ready for your next recharging session.

Recharge the Implant regularly to develop an easy-to-remember routine.

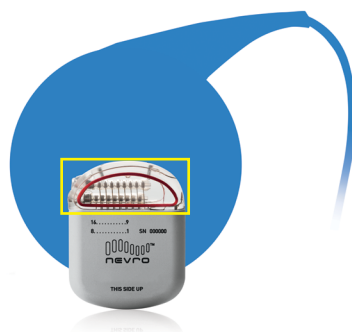
While charging, the implant site may become warm. If pain or discomfort is felt, stop charging and contact your doctor or HF10 Care Team.

Use the Remote Control to verify that HF10 is ON. If charging times dramatically increase, please notify your HF10 Care Team.


## Charging preparation


Place the center of the circular Charging Coil over the top of your Implant.

- The figure below shows that the top of the Implant (in yellow box) is at the center of the Charging Coil.



## Initiate charging

Press the Charge Start Button  to turn on the Charger. The light on the side of the device (Charger Battery Level Indicator) will illuminate to confirm the Charger is on. The Charger will start to beep and look for the Implant.

1. Beeping continues until the Charger links with the Implant.
2. If 10 seconds pass without a link, the Charger will sound one long beep and shut off. Reposition the Charging Coil and press the Charge Start Button  again.
3. When at least one lighted circle appears on the Antenna Strength Indicator, a link has been made. More circles mean a better link, and make it less likely that charging will be interrupted by movements. If only the middle dot is illuminated, this indicates poor connection and the Implant and the Charger will not link.
4. When the Charger is in the correct position, the IPG Battery Level Indicator will light up.



If the link is not made, is insufficient, or is lost, reposition the blue Charging Coil slowly and repeat the above steps.

## Charging

Charging is in progress when you see the IPG Battery Level Indicator and the circles on the Antenna Strength Indicator are lit. As charging progresses, the number of lit dots on the IPG Battery Level Indicator will increase.

- If the link is lost, the Charger will beep. Reposition the Charging Coil and repeat steps under the “Initiate Charging” section.

## Complete charging

When charging is complete, one long beep will sound and the Charger will turn itself off automatically. There is no off button on the Charger. Check the Implant Battery Level to make sure the battery is fully charged (four dots).

Use the Remote Control to check that the Implant is turned ON.

Plug the Charger into the wall socket to ensure the Charger will be ready for the next charging session.

- To plug the Charger into the wall socket, connect the Power Adapter into the Charger's Power Adapter Port, then plug the Power Adapter into the wall socket. The orange light indicates the Charger is being recharged. Recharging is complete when the orange light turns off.



## Using the charger belt

Once you know where to place the Charging Coil to achieve a strong link with the Implant, use the Charger Belt to secure the Charging Coil's location on your body before charging.

1. Place the blue Charging Coil in the pouch on the Charger Belt and securely attach belt around the waist. Use the hook and loop near the pouch to secure the cable of the Charging Coil.
2. Initiate charging and move the Charging Coil until it links with the Implant.
3. If you want to be mobile during charging, insert the Charger into the holster, then clip the holster to your belt or pants.



***Video instructions are available at [www.HF10.com/resources/existing-patients](http://www.HF10.com/resources/existing-patients).***

***For full instructions on the HF10 accessories, warnings, and precautions, please refer to the Patient Manual.***

***For full instructions around impedance checks and MRI, please refer to the MRI Manual.***

#### Rx Only

Patient experiences with the Senza spinal cord stimulation (SCS) system vary by individual, including the amount of pain relief. The occurrence of adverse effects associated with SCS implant surgery or use also varies by patient.

Brief Summary: A summary of important information follows. Please see [www.HF10.com/safety](http://www.HF10.com/safety) and the Senza Patient Manual (at [www.nevro.com/manuals](http://www.nevro.com/manuals)) for complete information. Please consult your doctor to fully understand Senza benefits and risks.

Indications for Use: The Senza spinal cord stimulation system is an aid in the management of chronic intractable pain of the trunk and/or limbs, including unilateral or bilateral pain associated with the following: failed back surgery syndrome, intractable low back pain and leg pain. Contraindications: These include patients not fit for surgery. Warnings/Precautions: There are warnings or precautions against or regarding: Senza use in patients who are or may become pregnant; patients undergoing diathermy or with other active implanted devices, or those undergoing CT scans, ultrasound or other procedures, among others. Adverse Effects: Senza is implanted surgically, so surgical complications are possible, such as infection, pain, bleeding and, very rarely, paralysis or death. After Senza placement, potential side effects include allergy or infection, loss of pain relief, pain or uncomfortable stimulation, burns or device or component malfunction resulting in corrective surgery, lead replacement or device removal.

All patients do not respond the same way to spinal cord stimulation (SCS) and experiences may vary. Patients should consult a physician to understand the potential benefits and risks of treatment with SCS. HF10 is indicated for chronic intractable pain of the trunk and limbs.



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