

Additional CATScan ATCM Operating Instructions



Your CATScan cordless pulsers will work either as the CATScan CCM (client controlled model) or the CATScan ATCM (advanced therapist controlled model). When the hand-held pulsers are turned on, they immediately search for commands transmitted from each other and also commands transmitted from the ATCM controller.



If the pulsers do not detect an ATCM controller's commands, they will default to the CCM mode and only communicate between the left hand and right hand side. Once the ATCM controller is turned on, it will take over control of the handhelds and the handheld controls will be disabled.

The CATScan ATCM Controller:

The ATCM controller is functionally the same as our Advanced Tac/ AudioScan with the addition of an installed transmitter. The controller has a connection port for wired pulsers, headphones and an external audio source. This feature is useful if you want to use it with 2 people simultaneously. The wired pulsers and extra headphones are not included with the package but may be purchased separately if desired.

Controls:

Detailed instructions on the operation of the ATCM controller follow.

Wireless Audio modes: When the ATCM is controlling the handheld pulsers, what ever audio sound is selected on the ATCM controller will be heard in the headphones that are connected to either one of the handhelds. **The exception to this is when the ATCM is configured for external audio. In the external audio mode, no sound is heard in the headphones connected to the handhelds.** The only option to hear bi-lateral music from an external source is to connect the headphones and external audio source to the ATCM controller. This is because the music from the external source is not transmitted to the handhelds.

**** Important Information - Please Read ****

* If your pulsers stop working or become intermittent *

If your pulsers stop working or become intermittent, ***try a new, fresh battery or try using the AC adapter.*** When the battery becomes weak, the tones and lights may continue to operate correctly while the pulsers may become weak or intermittent. This is normal when the battery is weak. If a new battery does not fix the problem, contact NeuroTek for instructions. ***Please do not return any product without first calling us as this may delay any needed repairs.***

An important note about the cables

To extend the life of your product and reduce the possibility of product failure, we advise using care when handling the cables for this product. By following these suggestions you may significantly extend the product's life and reduce the need for repairs:

1. Do not wrap cables tightly around the product. Coil the wires and use a twist tie.
2. Do not pull or stretch the cables.
3. Do not step or walk on the wires that are lying on the floor.
4. If the lengths seem too long, coil the excess and wrap with a rubber band or twist tie to prevent from dragging on the floor.

By using care and common sense, you may prevent the need for future repairs.

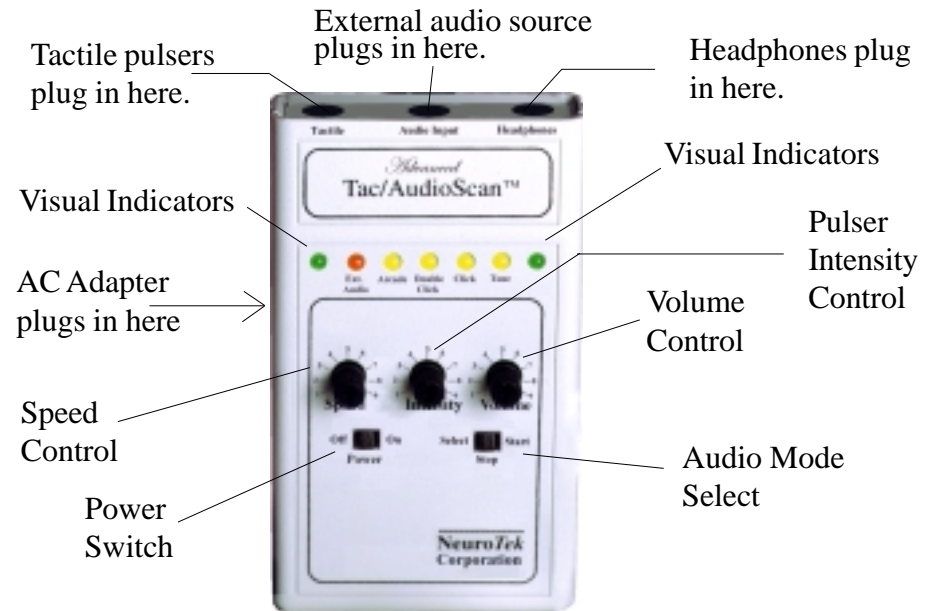
Changing the Channel:

The cordless pulsers can operate on 16 different channels. This feature is useful if someone nearby has a wireless device that interferes with the pulsers communication functions. The factory default channel for the pulsers and the controller is channel 1. **The factory setting should be fine for most users.** If you need to change this channel setting, first follow the instructions in the CCM portion of this manual to select a different channel for the cordless pulsers. Make sure the handholds function properly in the CCM mode using the new channel settings. Next you will need to configure the ATCM controller for the newly selected channel. Here's how:

1. Start with both the ATCM controller and the handholds turned off.
2. Turn both speed and intensity settings on the ATCM controller to fully counter clockwise positions.
3. Turn ATCM's power switch on.
4. **As soon as the right green light comes on, *immediately*** turn the intensity control to full clock wise position.
5. **As soon as you see the left green light turn on, *immediately*** turn the intensity control back to full counter clock wise position.
6. Repeat steps 4 and 5 until both green lights stay on. Both green lights on indicate controller is in the channel configuration mode.
7. After both green lights are on, turn on the black hand-held pulser. After a short time, the TCM controller will sense the commands from the hand-held pulsers and reconfigure itself to the correct new channel. This reconfiguring process may take up to 30-60 seconds to complete. Once the reconfiguring process is complete, both green lights will flash on and off together at a slow pace indicating the new channel is configured.
8. Turn off controller and cordless hand-helds. This will reset the ATCM controller back to normal operating mode.

Battery: The CATScan ATCM controller uses a standard 9v alkaline battery. You may also purchase an optional AC adapter which will plug into the wall for a permanent power source. The battery compartment is located on the back side of the TCM controller. To open, simply slide cover down away from the controller body.

Advanced Tac/AudioScan Operating Instructions



Advanced Tac/AudioScan Controls

The Advanced Tac/AudioScan is very simple to operate. The only assembly required is plugging in the headphones and the tactile pulsers. Set the volume, speed and intensity controls to the desired levels and you are ready to go.

Audio Mode: To select one of 4 internally generated sounds or use an external audio source, move the mode switch to the select position. When the desired audio mode is illuminated on the visual indicators, move the switch back to the stop (middle) position to set the mode. If selecting the external audio mode, connect from the audio input jack on the Adv. Tac/AudioScan to the headphone jack of any external tape or CD player using the supplied interface cable. (See example picture on next page) To start the alternating tones and tactile, move the mode switch to the start position. **To pause in between sets, stop the alternations by moving the mode switch back to the center (stop) position.** If the power switch is turned off, the audio mode will return to the default "tones" mode when turned back on.

Hold the gray pulser in your left hand and the black pulser in your right hand. The gray pulser pulses with the left light and tone, and the black pulser pulses with the right light and tone.

If the Tac/AudioScan doesn't work, verify that the battery is inserted correctly. Follow the label illustration inside the battery compartment for correct battery orientation.

Hint: When using an external audio source containing a speaking voice or heavy base tones, turn the base adjustment on your audio source to the full minimum setting for best sound quality.

