Precautions for Use

The R-net control system has been designed with the user's safety as the prime consideration. It incorporates many sophisticated self-test features which search for potential problems at a rate of 100 times per second. If the control system detects a problem either in its own circuits, or in the wheelchair's electrical system, it may decide to halt the wheelchair depending on the severity of the problem. The R-net is designed to maximize the user's safety under all normal conditions. In spite of its sophistication, the R-net cannot take into account circumstances which put the wheelchair or the controller outside of their specified operating conditions, and so it is important that the user follows the precautions below:

1) Do not drive the wheelchair:
   a) beyond restrictions indicated in the wheelchair user manual, for example maximum inclines, curb height etc.

   b) in places or on surfaces where a loss of wheel grip could be hazardous, for example on wet grassy slopes.

   c) if the controller or other crucial components are known to require repair.
   In the event of the wheelchair moving in an unexpected way RELEASE THE JOYSTICK and switch the on/off switch to off. This action will remove drive and power to the electro-magnetic brakes.

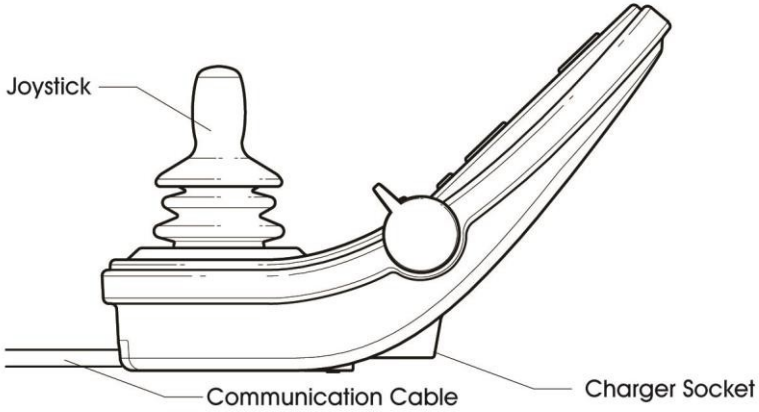
2) Although the R-net control system is designed and manufactured to be extremely reliable and each unit rigorously tested, possibility of a system malfunction always exists (however small the probability). Under some conditions of detected system malfunction, the controller must (for safety reasons) stop the chair instantaneously. If the physical impairments of the user are such that a sudden braking action could result in a fall from the chair, it is imperative that a restraining device such as a seat belt be purchased and installed with the chair. Restraining devices should be used at all times when the wheelchair is in motion.

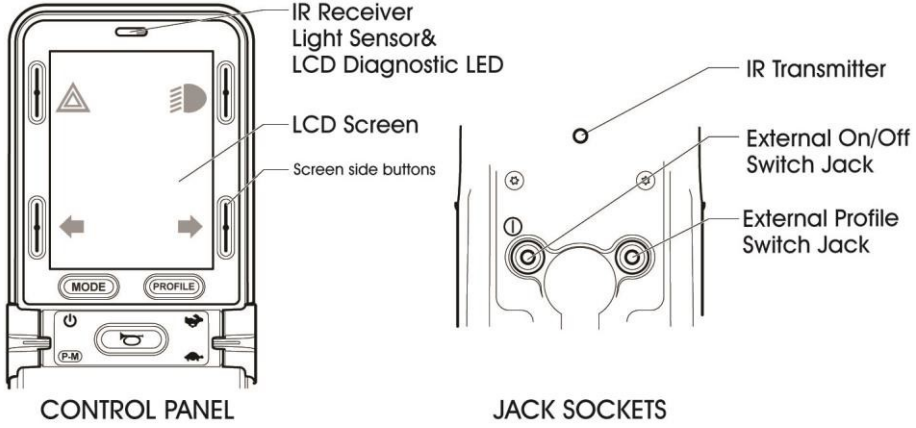
For contact information please visit www.ROLTEC.com

R-net CJSM2 User Information Sheet

R-NET JOYSTICK MODULE USER INFORMATION SHEET

Refer to the wheelchair manufacturer's documentation for detailed operating and service instructions.





The actual design of this control system may vary depending on the specification and type of wheelchair you are working with. Refer to the wheelchair's documentation for exact details of the system you are working with.

This guide does not exclude from reading the User Manual.

CONTROL PANEL

IR Receiver: Allows the system to replicate commonly used IR devices, such as remote controls for TV's, DVD's,
Light Sensor: Detects ambient light to automatically adjust screen brightness
LCD Diagnostic LED: This LED will flash to indicate a problem with the LCD screen.

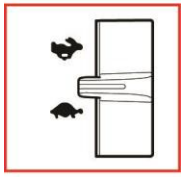
On/Off Paddle: This paddle, when deflected forward turns the R-net on and off. Do not use this paddle to stop the wheelchair, except in an emergency.

P-M Paddle: This paddle, when deflected backwards, allows the user to navigate through the available operating Profiles and Modes of the system.

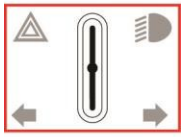
Horn Button: This button operates the wheelchair's horn.

Mode button: Allows the user to navigate through the available operating Modes of the control system.

Profile button: Allows the user to navigate through the available operating Profiles of the control system.



Speed Paddle:
When deflected forwards the maximum speed setting will be increased.
When deflected backwards the maximum speed setting will be decreased.



Screen Side Buttons: These buttons operate the lighting functions.
The function of each button is illustrated by an icon displayed on the LCD screen next to the button. Once the function is activated, the icon will illuminate or flash.

External On/Off Switch Jack. This allows the user to turn the control system on and off using an external device, such as a Buddy Button.

External Profile Switch Jack. This allows the user to select Profiles using an external device, such as a Buddy Button.

The Joystick Module is supplied with rubber bungs which must be inserted into the Jack Sockets when no external device is connected.

R-net CJSM2 User Information Sheet

JOYSTICK

This controls the speed and direction of the wheelchair. Push the joystick in the direction you wish to go. The further you push it, the faster the speed. Releasing the joystick stops the wheelchair and automatically applies the brakes.

CHARGER SOCKET

Only connect a PGDT Programmer or the charger supplied with the wheelchair into this socket.

LCD SCREEN

The status of the control system can be understood by observing the LCD screen. The control system is on when the screen is backlit.

CARE

- Avoid knocking your control system, especially the joystick.
- When transporting your wheelchair ensure the control system is well protected.
- To prolong the life of the control system, keep exposure to extreme conditions to a minimum. Always clean your control system if it becomes contaminated with food or drink.
- Use a damp non-abrasive cloth and washing up liquid mixed with water. Do not use abrasive or spirit based cleaning agents.

DAILY CHECKS

Joystick: With the control system switched off, check that the joystick is not bent or damaged and that it returns to center when you release it. If there is a problem do not use your wheelchair and contact your service agent.

WEEKLY CHECKS

Electrical Brakes: This test should be carried out on a level floor with at least one meter clear space around the wheelchair.

Switch on the control system.
Check that after 1 second the battery gauge remains on or flashes slowly.
Push the joystick slowly forwards until you hear the electrical brakes operate. The chair may start to move.
Immediately release the joystick, you must be able to hear each electrical brake operate within a few seconds.
Repeat the test three times, pushing the joystick backwards, left and right respectively. If your wheelchair is fitted with lights, turn indicators or seat adjustment actuator, checks the operation of these.

Connectors: Check all connectors are secure, properly mated and free from damage.
Cables: Check condition of all cables for damage.
Joystick Gaiter: Check the thin rubber gaiter around the base of the joystick for damage or splitting. Check visually only, do not handle the gaiter.
Mounting: Make sure the controller is securely fixed to your wheelchair. Do not over tighten any screws.