

USE KEO BY ELECTRIC WHEELCHAIR









CORRESPONDENCE TABLE

27/11/12

KEO DRIVING BY THE STICK OF ELECTRIC WHEELCHAIR

- KEO is compatible with most commands of electric wheelchair according to criteria in the following slides.
- These tables specify commands chair compatible KEO , chair adjustments, KEO accessories needed, KEO settings.

SUMMARY TABLE

Wheelchair Command	DYNAMIC CONTROL REM 24SD	DYNAMIC CONTROL G91	DYNAMIC CONTROL REM550	PENNY AND GILES D50195 D50196 D50271	PENNY AND GILES R-NET	SUNRISE DELPHI	MEYRACAN	CURTIS
Wheelchair Manufacturer	INVACARE	INVACARE	INVACARE	SUNRISE MEYRA	SUNRISE MEYRA	SUNRISE	MEYRA	OTTO BOCK PRIDE (icare)
Picture								
Wheelchair equipment needed	ECU	ECU	ECU	NO	OUTPUT MODULE	QRECM	BLUEBOX	ECU
Settings chair	YES	YES	NO	NO	NO	NO	NO	NO
KEO equipment needed	7T08 cable	7T08 cable	7T08 cable	7T06 cable	ZZAF cable	ZZAF cable	7T08 cable	ZZAF cable
KEO settings	Joystick → dry contacts	Joystick → dry contacts	Joystick → dry contacts	joystick → penny and giles	Joystick → dry contacts	Joystick → dry contacts	Joystick → dry contacts	Joystick → dry contacts

KEO/DYNAMIC CONTROL

(in particular INVACARE)

nota: range using the electronic Shark is not compatible.

- **Wheelchair control** : REM 24SD or REM 24SC
- **Wheelchair interface** ECU
- Setting of software Wizard version 5:
- Get the wheelchair program
- File --> Program or diagnosis
- Select « specific option ACS REM 24SD »
- Activate « Mode mouse ECU » by answering YES
- Then select the parameter « Environment control ». Answer ECU1(B) and « YES »
- We get from wheelchair control to KEO control with the button showing a wheelchair, and we use the « rabbit » pictogram to reverse. These two buttons can be replaced by a switch.
- All the functions « only in the Joystick mode »
- **KEO cable** 7T08 : to be connected to KEO and to the ECU box
- **KEO setting** : « Access », « Joystick », « dry contacts »



KEO/DYNAMIC CONTROL

(in particular INVACARE)

nota: range using the electronic Shark is not compatible.

• **Wheelchair control** : ACS DX-REM G91S



+ joystick externe DX RJM



• **Wheelchair interface Dynamic Control ECU**

• Setting of software Wizard version 5 :

-Get the wheelchair program

-File → Program or diagnosis

-Option → change module type, select « REMG91S »

-By default, the program is converted into scan mode. You must change the parameter "input" to "scan" to "single lever" and lower in the "user profiles option" change the "joystick source" from "display" to "RJM" on all programs.

- We get from wheelchair control to KEO control with the blue button representing the wheelchair. This button can be replaced by a switch

-Use the external joystick with up or down to scroll through the functions on the G91S and set the ECU mode, left and right on the joystick can be used to validate a choice.

• **KEO cable 7T08** : to be connected to KEO and to the ECU box

• **KEO setting** : « Access », « Joystick », « dry contacts »



KEO/DYNAMIC CONTROL

(in particular INVACARE)

nota: range using the electronic Shark is not compatible.



- **Wheelchair control: ACS DX-REM 550**
- **Wheelchair interface Dynamic control ECU**
- **No setting in WIZARD software.** We get from wheelchair control to KEO control with the parametrable function button. This button can be replaced by a switch
- **KEO cable 7T08** : to be connected to KEO and to the ECU box
- **KEO setting** : « Access », « Joystick », « dry contacts »

REM 550



ECU box

7T08 cable

KEO/PENNY AND GILES pilot plus

(in particular SUNRISE, MEYRA)

- Wheelchair control : D50 195, D50 196 or D50 271. It is not necessary to have an interface or to set the wheelchair.
- We get from wheelchair control to KEO control with the MODE button of the wheelchair control (Emulation by a switch is possible).
- KEO : Plug 7T06 cable into the BUS connector of the wheelchair control and into the RJ45 connector of KEO.
- KEO setting : « Access », « Joystick », « Penny and Giles »



KEO/PENNY AND GILES R-NET

(in particular Sunrise, Meyra)

- **Wheelchair control** : Any type of control compatible with interface IOM (output module) PENNY AND GILES with contacts. (The OMNI box is optional).
- **KEO Cable** : ZZAF → connect to KEO and OUTPUT module (female socket OUT)
- **KEO setting** : « Access », « Joystick », « dry contacts »



KEO/SUNRISE DELPHI

(SUNRISE)

- **Wheelchair control** : QR range
- **Wheelchair interface** : SUNRISE QRECM
- **KEO cable** : ZZAF
- **KEO setting** : « Access », « Joystick », « dry contacts »



KEO/MEYRA

(MEYRA)

- Wheelchair control : MEYRACAM Bus Nr13 or the following one or any connected joystick
- Use : Press the MODE button of the wheelchair until you reach « BLU ». Instead of this button you can use a switch and position the wheelchair Joystick backwards. If manual validation for KEO is chosen, it will be performed by 2 flashing signals. To reverse to wheelchair functions, use a key or MODE switch.
- Wheelchair interface : BLUEBOX PROTEOR 7T1203 to connect to MEYRACAN joystick
- Cable KEO/dry contacts 7T08 : connected to the BlueBox interface
- KEO setting : « Access », « Joystick », « dry contacts »



Sprint GT, Champ, Optimus, Optimus 2, Touring 928



Various types of Joystick heads
Fork.



Can Bus Manipulator



External mode switch,
Option 543



Remote control, only for
cylinders, Option 657



External control,
Option 656



Mini Joystick (4 functions)
Option 541

“On / Off”
external switch
Option 543



External Joystick
(double control)
Option 542



Mini Joystick HMC
Option 541



Control with a
suction pad on a plate
Option 548



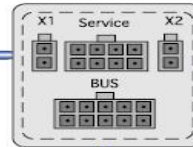
Multifunction control
(fixed on a plate)
Option 544



Foot multifunction
control
Option 547



Control on a plate,
Option 813



Support for control module.
Standard manipulator fixed at the
back, Option 851



Support for central control,
Option 50



Bluetooth

Control with a Finger HMC,
Option 549



Control with the chin,
Option 565



Power box



KEO/ CURTIS

(in particular OTTO BOCK, PRIDE 'icare'...)

- Wheelchair control CURTIS
- Wheelchair interface ECU CURTIS
- KEO cable ZZAF
- KEO settings: « Acces », « Joystick », « Dry contacts »

