



Although MK6i™ electronics introduces some new components and updates current components, programming MK6i is based on the MK5™ platform, with the same interfacing guidelines – same programming structure and rules. Following are descriptions of some of the new components being introduced in MK6i:

New Controllers



Four Controllers cover the entire current MK6i platform:

- **MK660 ACC** for All 2-Pole Motors,
- **MK690 & MK690 ACC** for All 4-Pole Motors,
- **MK6TT** for TrueTrack Motors
- MK6i Controllers allow changing from a **Non-Expandable** system (one drive mode) to an **Expandable** system (four drive modes) simply by exchanging the driver control.

SPJ+



Standard Choice for Non-Expandable Driver Control

- One Drive Mode
- Push Button Speed Control & On/Off
- Interchangeable with MK5™ systems
- Not compatible with other Driver Inputs

SPJ+ w/ PSS



SPJ+ with Powered Seating Switch

- Standard “Non-Expandable” Joystick with Single Actuator System
- Same Features as SPJ+
- Adds a switch port for Single Actuator switch (Circled in Red)
- Egg switch Standard – Any mono switch w/ 1/8” plug is compatible)

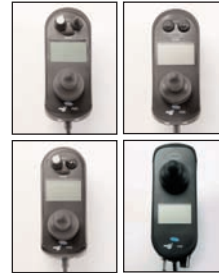
MPJ+



Standard Choice for Expandable Electronics

- 4 Drive Modes – Speed Potentiometer – Built in Mode Switch
- Large backlit display – Icon based graphics – viewed easily outdoors
- 2 Mono Switch ports: Remote on/off, Switch input (Programmable for up to two switches)
- Memory card compatible

PSR+ / PSF+



Alternative Expandable Driver Controls

- PSR+ - places inductive at rear for placement close to the arm rest
- allows switch choices (Toggle / Push Button / Speed Potentiometer)
- same switch ports and Display as MPJ+
- PSF+ places inductive in front for maximum hand platform support
- no switch choices

New Display



- Larger, brighter LCD screen
- Crisp Text and Icons for easy viewing, even in sunlight
- Allows Alternative Controls to be used with an Expandable Electronic Platform
- 2 Screen View options, 3 Scanning mode choices
- View Standard programs names programmed into each drive
- Same switch ports as MPJ+
- Insert an Invacare Memory Card and turn the Display into the programmer for that chair

New Connectors



- Universal connectors make it easy to add or remove options, and eliminate the daisy chain
- All MK6i options plug into the system using the same connector – in the same location
- No more questioning the type of connector, or where to plug in
- Sliding Lock Tab assures solid connections

“Y” Cable



- Allows 2 inputs for the switch port of the MPJ+ / PSR+, PSF+, MK6i Display
- Programmable input choices include:
 - External mode switch / Remote Drive Select / Single Actuator Switch (Standard on all Powered Seating Systems with Expandable Electronics)

Custom Actuators



- Custom Actuators are used ONLY on Formula™ TRE powered seating systems

- Placing the positioning sensor into the actuator itself allows setting up and down limits, while eliminating potentiometers and mercury switches
- Placing the Micro-processor into the actuator eliminates need for TAC or TREC
- Automatic Positioning, a new programmable feature available ONLY with custom actuators, allows pre-setting powered seat positions – attainable with a single driver command

Memory Card



- A New Invacare Memory card places the features of Laptop IVS into the palm of your hand

- Allows saving Individual Drive profiles and multiple system profiles in one place
- Create Libraries of ready to install custom profiles
- View Help library, advanced diagnostics and trouble shooting tips
- Standard with all MK6i programmers.
- USB Ready version comes with a USB port Card Reader.

New Programmer



- Based on a MK5 foundation – same rules – same menu structure - similar keystrokes
- View values for all four drives – all at once
- Can still use a MK5 programmer with access to EVERYTHING except “Help” screen
- New Programmable features include:
 - Three Scanning modes, two viewing modes
 - Automatic Positioning
 - Programmable attendant control settings
 - Memory card

Four Way Switch Box (4WSB)



- Multiple Actuator Systems Only

- Standard with two or more actuators
- Provides a 9 Pin Port for any separate 4 quadrant switch to operate powered seating
- No Charge switches include the “4 Way Toggle” and the “4 Quadrant Push Buttons”

POWERED SEATING OPERATION THROUGH THE DRIVER CONTROL (ALWAYS ONE OF THREE SCENARIOS)

SINGLE ACTUATOR

Non-Expandable: Use Driver Control “SPJ+ w/ACC (E2310)



- Operates one actuator through joystick
- Same switch port for Single Actuator switch as with SPJ+ w/ PSS (Circled in Red below)
- **Adds a mode switch to change between driving and actuator operation (Circled in red above)**

Single Actuator Node (SANODE)



Expandable: Add Single Actuator Node (SANODE)

- **Single Actuator Systems Only**
- Added with MPJ+, PSR/F+, or MK6i Display to allow operating a single actuator system through the Driver Control.
- Not Compatible with the SPJ+ Joysticks (Non-Expandable Systems)
- HCPCS code E2310

MULTIPLE ACTUATORS

Multiple Actuator Interface Box



Replace 4WSB with Multiple Actuator Interface Box (S4WSB) (E2311)

- Allows Through Driver Control operation of Multiple Actuators
- Replaces 4-Way Switch Box
- Provides a 9 Pin Port for any separate 4 quadrant ATTENDANT switch
- Provides two Additional ports, “A” and “B” for accessory powered seating switches



Arnold Palmer
 “Invacare says
 ‘Yes, you can.’ and I couldn’t
 have said it better myself.”

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