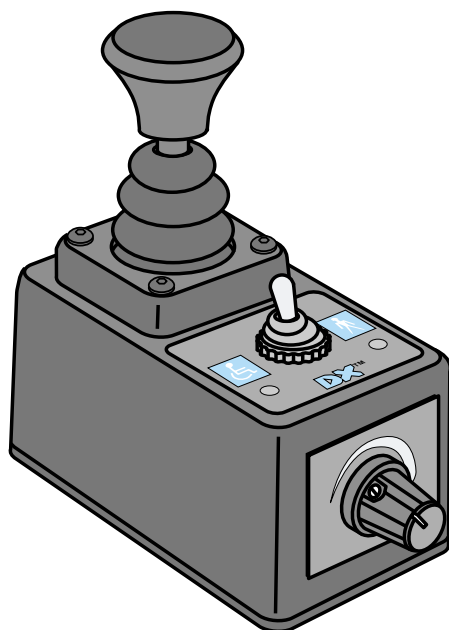


Dynamic DX Attendant Control Unit (ACU)



Basic Operation Instructions

IMPORTANT NOTICE

This manual describes basic operation for the Dynamic DX Attendant Control Unit (ACU) only and must be read in conjunction with the owner's manual supplied with your power chair. Please read both manuals in their entirety before operating the Dynamic DX Attendant Control Unit (ACU) or your power chair.

This manual is intended as a supplement to the in-service training provided by your authorized provider. If you have any questions or problems regarding the Dynamic DX Attendant Control Unit (ACU), please contact your authorized provider.

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INTRODUCTION

Welcome to Quantum Rehab, a Division of Pride Mobility Products Corporation. Quantum Rehab is dedicated to the customization of power chairs for users with advanced rehabilitation and mobility issues. Quantum Rehab also expands possibilities for enhanced healthcare attendant control over power chair functions to provide a secondary level of support for our customers where necessary.

Dynamic DX Attendant Control Unit (ACU)

The Dynamic DX Attendant Control Unit (ACU) allows an attendant to take over power chair movement control from the user. The ACU is equipped with a toggle switch, which moves the chair from user control to attendant control, and a joystick and a speed adjustment dial, both intended specifically for attendant control.

This manual is designed to explain basic operation for the following functions available with the ACU:

1. User/Attendant Control Modes
 - This section will explain how to switch from User Control Mode to Attendant Control Mode and vice versa, and what each mode encompasses.
2. Joystick OONAPU
 - OONAPU stands for “Out Of Neutral At Power Up.” This is a safety measure designed to prevent unintended movement of the power chair.

Figure 1 provides information on the ACU components and connections. Use this diagram to familiarize yourself with the function and location of each component before using the ACU.

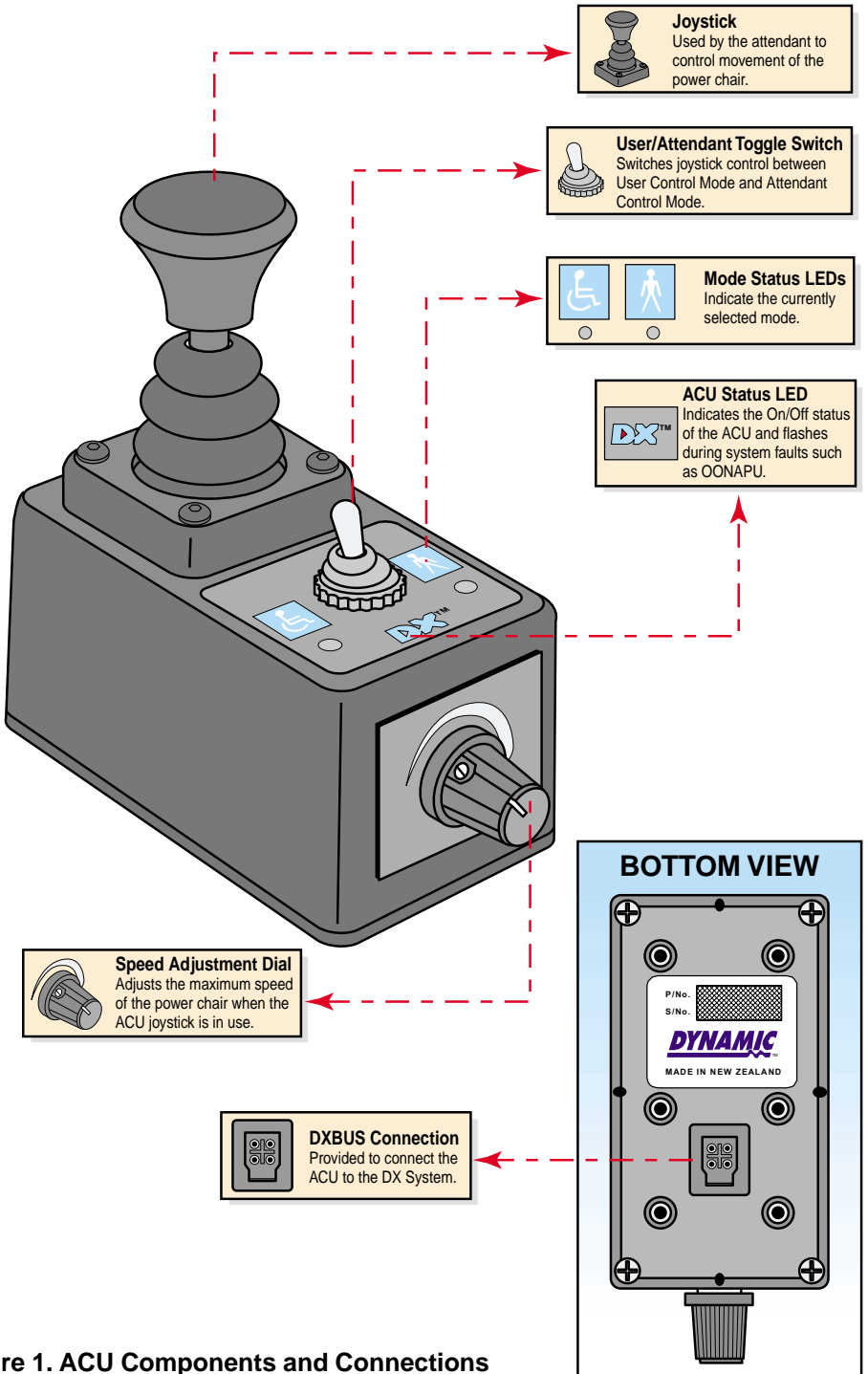


Figure 1. ACU Components and Connections

USER/ATTENDANT CONTROL MODES

User Control Mode places the power chair user in complete control of the chair. The user is able to control all functions available with the primary remote control system installed on the power chair. If a situation occurs in which an attendant must take over control of the chair, then the attendant must place the chair in Attendant Control Mode using the toggle switch on the ACU. This will enable the attendant to choose the speed and direction of the chair.

NOTE: When the ACU is in Attendant Control Mode, the attendant has control over driving only.

Mode Selection

1. To switch from User Control Mode to Attendant Control Mode, toggle the switch toward the Attendant Symbol. See figure 2.
2. To switch from Attendant Control Mode to User Control Mode, toggle the switch toward the User Symbol.

NOTE: If the control mode is changed while the power chair is in motion, the mode will not switch immediately. The chair will come to a controlled stop, and then the control mode will change as indicated by the switch position. If the ACU is disconnected while the chair is in motion, the chair will come to controlled stop, and then switch to User Control Mode.

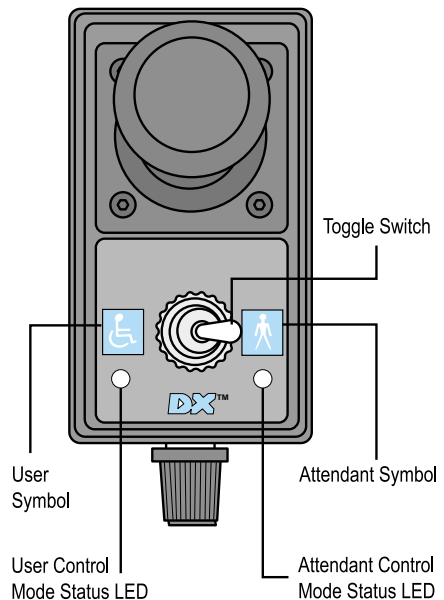


Figure 2. Mode Selection

Speed Adjustment

The ACU controls chair speed by means of a speed adjustment dial located on the front side of the unit. See figure 3. The attendant can adjust the preprogrammed chair drive speeds by turning the speed adjustment dial—left decreases the speed, right increases the speed.

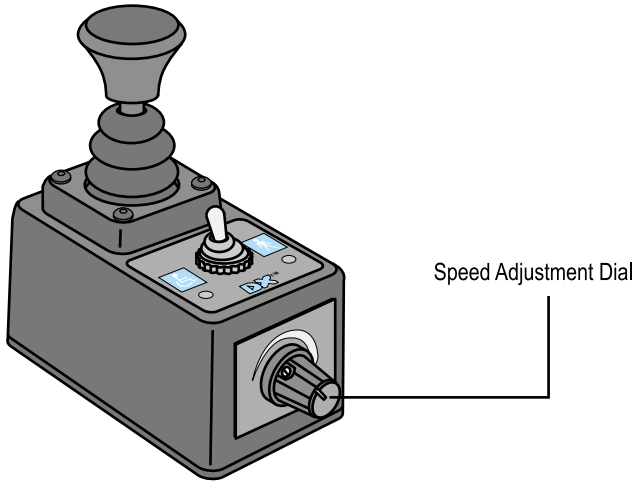
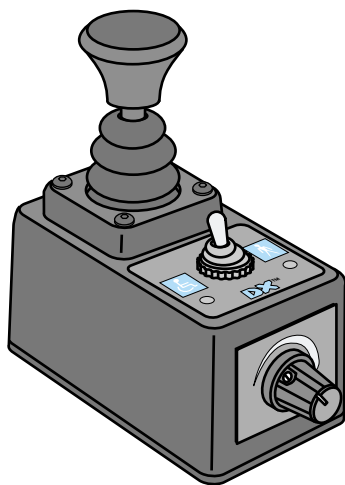


Figure 3. Speed Adjustment

Once a speed has been chosen, driving the chair is simple. When the joystick is at rest, it is in the neutral position, and the power chair is stationary. Moving the joystick in any direction will switch the chair from neutral to drive, and the chair will move in the direction indicated by joystick position. To stop chair movement, release the joystick or move it back to the neutral position.

JOYSTICK OONAPU

If the chair is powered up or the User/Attendant Control Mode changed while the joystick is not in the neutral position, the Status LED will flash a fault code and driving will be inhibited. To clear the fault, return the joystick to the neutral position. If the fault lasts for more than five seconds, turn the power off then on.



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