ECON-I

USER LEVEL PROGRAMMER GUIDE





PROVIDING GREATER INDEPENDENCE

WARNING!

A Quantum Rehab Provider or a qualified technician must perform the initial setup of this power chair and must perform all of the procedures in this manual.

The symbols below are used throughout this owner's manual and on the power chair to identify warnings and important information. It is very important for you to read them and understand them completely.

\land WARNING!

Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage, or malfunction. On the product, this icon is represented as a black symbol on a yellow triangle with a black border.

MANDATORY!

These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol on a blue dot with a white border.

() **PROHIBITED!**

These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a black symbol with a red circle and red slash. NOTE: This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased. The latest/current version of this manual is available on our website.



Q-Logic 3 Bluetooth Programming

The Q-Logic 3 system features built-in Bluetooth that can be used to program the Q-Logic 3 electronics.

The Econ-W is the programming app for Window devices, located at www.quantumrehab.com.

Econ-I is the programming app for iOS devices, located at the app store.

The Q-Logic 3 system allows different levels of programming access based on the log-in of the programming app.

• User level access — Intended for the power chair user. No log-in is required. Select continue without log-in on log-in screen.

ECON-I

Connecting ECON-I to the Q-Logic 3 system:

1. Turn on the Q-Logic 3 system and navigate to the Aux screen using the mode command.

NOTE: When available, navigate to the Aux screen using the home button and two left inputs.



2. Perform an up or down input to highlight "Econ/Interactive Assist," then perform a right input to enable Interactive Assist.









3. Note the ID at the top of the screen.

4. Open Econ-I app.

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Offline	USER
Login	\otimes
User E-mail	
User E-mail	
Password	
Continue without Login	Login

5. Click on "Continue without Log-in."

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Coffline USER	
User E-mail	
Password	
Continue without Login Login	
Create new account	

6. Click on the Bluetooth Icon.



7. Click on the Chair ID.



8. Click on Pair and give the Q-Logic 3 system a forward input, if the codes match. This will only need to be done if the chair was not already previously paired to the device.



 Econ-I will show "Loading Device Data." This may take a few minutes if it is first time Econ-I is connected to the Q-Logic 3 system.



10. Give the Q-Logic 3 system a forward input to confirm Bluetooth access by the device.





Econ-I

Connecting Econ-I to the Q-Logic 3e system:

1. Turn on the Q-Logic 3e system and navigate to the Settings screen using the mode command.



2. Perform a right input to go to the Bluetooth Screen.



3. Perform a forward input to turn on Bluetooth.



Note the ID at the bottom of the screen.

4. Open the Econ-I app.



5. Click on "Continue without Log-in".



6. Click on the Bluetooth Icon.



7. Click on the Chair ID.



8. Click on Pair and give the Q-Logic 3e system a forward input if the codes match. This will only need to be done if the chair was not already previously paired to the device.



 Econ-I will show "Loading Device Data." This may take a few minutes if it is the first time Econ-I is connected to the Q-Logic 3e system.



10. Give the Q-Logic 3e system a forward input to confirm Bluetooth access by the device.



Home Page



Home Icon - Always on top, return to home page.

Image: System ReadyImage: Sys

Favorites Icon - Always on top, opens favorite's menu (not available at launch).



Bluetooth Icon - Always on top, to connect to Q-Logic 3 system.



Settings Icon - Always on top, opens app settings.



Parameter Settings

Parameter Settings icon - Opens parameter top menu.



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System Ready ID: 1024	USER
Parameter Settings	Ð
Search	Album
Bluetooth	
Reminder	
System	
Display	
Audio	

Pressing on Parameter top menu item will open submenu items.

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System Ready ID: 1024	USER
Parameter Settings	. • .
Search	frared
Bluetooth	1
Reminder	Statistics
System	
Display	
Audio	

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System Ready ID: 1024	USER
Parameter Settings	D
Search	Album
Bluetooth	
Mouse	
Assistive Switch Control	
Reminder	
System	
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Line Audio	

Pressing on Parameter submenu will open parameter adjustments.



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<u>200</u>						<u>10000</u>
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Pressing on the parameters title will open the help text box.

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0	Enabled	i 🥝	Disabled	t
Mouse (Clicks			
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NOTE: Adjustment can be made in the popup box. Help text can scroll by pressing and moving up on the text.

XPA

 XPA - manage configuration file of the Q-Logic 3 electronics.









Create XPA file - Save the Q-Logic 3 system configuration as an XPA file.



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	66823 B	_			/2020 1	:49 PM
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Open XPA file - Opens the selected XPA file.

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Size: 603433	Bytes	10/1	0/2019 3:2	4 PM
Ron desk	system 1.2	2.13-2.xpa		
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eX1Param	eter_2019	1002115147	7.xpa	
Size: Empty		10/	2/2019 5:5	8 AM

Copy XPA file - Makes a copy of selected XPA file.

eX1Parameter_201	91010154549.xpa
Size: 711731 Bytes	10/10/2019 3:45 PM
CTL1713466 Q6ED	GE3 PROGRAM,6MPH
Size: 603433 Bytes	10/10/2019 3:24 PM
Ron desk system 1	.2.13-2.xpa
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Copy XPA Fil Send XPA File Re XP.

Create XPA File

Open XPA File Send XPA file - Opens up share menu, send the XPA file by selecting the email app.

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ate File Copy XPA File

Rename XPA file - Renames the selected XPA file.

Delete XPA File

Rename XPA File

Send

XPA File

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Size: 7	31815 By	tes		10/10	/2019 9	:58 AM
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Delete XPA file - Delete the selected XPA file.

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Size: 711731 Bytes	10/	10/2019 3	45 PM	
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Ron desk syste	m 1.2.13-2.xpa			
Size: 731815 Bytes	10/*	10/2019 9	58 AM	
			_	
eX1Parameter_	2019100211514	7.xpa		





Photo Album - manage photos that can be uploaded to the Q-Logic 3 system for display.



Upload from system - will retrieve current photo album from Q-Logic 3 system, only applicable when Q-Logic 3 system has a photo album.

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)	0 (1	₹	Ī
Add Pict	ure Ta	ke picture	Upload from system	Download to system	

Take Picture - use device's camera to take a picture for the photo album.





Create New - creates a new photo album.



Fit/Fill - Choose between displaying the picture's native layout "Fit" (may show black bars to compensate) or displaying an edited picture to "Fill" the screen with the image.

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System Re	ady	ID: 1024		USER
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			Les L	



Rotate Picture - Rotates the image 90° counterclockwise.



Black and White - Toggle the picture between color and black and white.



Dowload to system - Downloads selected images to connected Q-Logic 3 system, only available when Q-Logic 3 is connected, and image is selected.



Photo Library - Manages the photo albums.



Delete - Deletes all the selected images in the current photo album.



Open Photo Album - Opens the selected (highlighted) photo album, only applicable when photo album is saved to device.



Save Photo Album - Saves the current photo album to device.

Photo_Album_2	Size: 53776		lect 15
Photo_Album_2	Bytes	16:4	19:29
	-		5
		ЧU	

Delete Photo Album - Delete the selected (highlighted) photo album.

Back			
Photo_A	lbum_2	Size: 53776 Bytes	Oct 15 16:49:29
	8 (
Open photo album	Save photo album	Delete photo Cop album a	by photo Send

Copy Photo Album - Create a copy of the selected (highlighted) photo album.

Back			
Photo_A	lbum_2	Size: 53776 Bytes	Oct 15 16:49:29
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Open photo	Save photo	Delete photo Cor	by photo Ser
album	album	album	by photo Ser

Send Xph File - Emails selected (highlighted) photo album as Xph file (photo album file).

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Rename - Renames the selected (highlighted) photo album.

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Back		
Photo_Album_2	Size: 53776 Bytes	Oct 15 16:49:29
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٠¥۰ \star 11 System Ready ID: 1024 USER **(i)** System All -All + Powerbase 120A +01.025.028 Handcontrol +01.074.071 **Advanced Actuator Module**

System - Displays the Q-Logic 3 modules on the chair, along with each module, part number, manufactured date, serial number, hardware version, and software version.



Expand/Collapse - show more information by pressing the expand button; show less information by pressing the collagpse button.

Expand All/Collapse All - Expand/Collapse every module in the list.

USER

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System Ready ID: 1024	USER
System All-	All +
Powerbase 120A 01.025.028	(+
Handcontrol	1
01.074.071	+
Advanced Actuator Module	+

System	All - All +
Powerbase 120A	_
01.025.028	
Serial Number:	4233
Model Number:	1760-3509
Hardware Version:	03.000
OEM Version:	CTL143978
Manufacturing Date:	16357P
Start-Manager Version:	01.007.000
Handcontrol	
01.074.071	+
Advanced Actuator Mod	dule
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ID: 1024

System Ready

·* \star System Ready ID: 1024 USER \bigcirc System All -All + Powerbase 120A 01.025.028 Serial Number: 4233 Model Number: 1760-3509 Hardware Version: 03.000 **OEM** Version: CTL143978 16357P Manufacturing Date: Start-Manager Version: 01.007.000 Handcontrol +01.074.071 **Advanced Actuator Module** +01.010.003

Battery Statistics - Displays statistics relating to the chair's battery/charging history.

System Ready ID: 102 The second sec	
Settings	atistics
System Ready ID: 10	USER
Battery Stati	istics
Voltage	Charging Cycles
Battery Voltage	12.46
Lowest Highest	12.46 31.44
Undervoltage Counts	
Warnings	2 10
Errors	10
Charger Connection Counts	
Connections	40
Data recorded since	1/1/0001
Res	et

ECON-I

USA

401 York Avenue Duryea, PA 18642 *www.quantumrehab.com*

Canada

5096 South Service Road Beamsville, Ontario L0R 1B3 *www.quantumrehab.com*

Australia

20-24 Apollo Drive Hallam, Victoria 3803 *www.quantumrehab.com.au*

New Zealand

38 Lansford Crescent Avondale, Auckland 0600 *www.pridemobility.co.nz*

UK

32 Wedgwood Road Bicester, Oxfordshire OX26 4UL *www.quantumrehab.co.uk*

Netherlands

(Authorised EU Representative) De Zwaan 3 1601 MS Enkhuizen *www.quantumrehab.eu*

Italy

Via del Progresso, ang. Via del Lavoro Loc. Prato della Corte 00065 Fiano Romano (RM) www.quantumrehab-italia.it

France

26 Rue Monseigneur Ancel 69800 Saint-Priest *www.quantumrehab.fr*

Spain

Calle Las Minas Número 67 Polígono Industrial Urtinsa II, de Alcorcón 28923 Madrid *www.quantumrehab.es*

Germany

Hövelrieger Str. 28 33161 Hövelhof www.quantumrehab.de

China

Room 508, Building #4 TianNa Business Zone No. 500 Jianyun Road Pudong New Area Shanghai 201318

