	QUICK GUIDE LiteCTRL	1.0 LOLIGO [®] SYSTEMS	2	3	4
FIRST TIME USE Download the latest version of LiteCTRL from our website: loligosystems.com/downloads				🤶 🕴 🤆 Koukaam	
2	Follow the installation instructions on the screen and then restart the PC. Connect the green (WiBu) copy protection dongle to a USB port on the PC (2).		HELESCE.	1 2 3 4	Devices 🛞
3	Connect the LoligoBT to a wall outlet and power it on. The LoligoBT is ready to use when the Bluetooth LED lights blue (3). Connect your WTW instrument to a USB port on the PC.				Scan for new devices
4	Open LiteCTRL. Choose Scan for new devices (4).				Cancel
5	the Devices menu , follow step 1-3 on screen (5), and press OK. Wait for LiteCTRL to d your WTW instrument and LoligoBT. Activate your WTW instrument by following e instructions on screen (5.1). Now configure the relays you want to use (Conductivity, mperature or both) and press Configure (5.2). The configured relays will now be highlighted the LoligoBT (5.3).			READY	
FOR EACH TRIAL					
6	epeat step (2-3), and open LiteCTRL. Choose Use current configuration and complete tep (5). Connect submersible pumps and/or solenoid valves to the respective relays on the oligoBT. The function of each relay is shown on the LoligoBT in the <i>Devices menu</i> .		5	5.1	5.2
7	Now, click Experiment in the main menu. Open the Conductivity and/or Temperature regulation menu (7), and choose a desired regulation type. For the <i>Ramping, Automated</i> and <i>File</i> regulation type, you can get a visual representation of the protocol by clicking the button. Press <i>Apply</i> and then <i>OK</i> to save the settings.		WTW meter settings 1. Power on the WTW meter by pressing the button. 2. Set the baud rate: Press and hold the more button to enter the "Storage & config" menu. Select "Externe - Interface - Reud enter" and ret the baud	Activate WTW meters Please make sure that the WTW meter has been powered on by pressing the	Configure relaysConductivityYesTemperatureYesYesNo
	Finally, click Start logging . Follow steps 1-4 on screen (8). This will memory, and will set the sampling rate and duration of the experim file prompt, and click <i>Save</i> to start logging data to an Excel file.	, click Start logging . Follow steps 1-4 on screen (8). This will empty the WTW instrument ry, and will set the sampling rate and duration of the experiment. Click OK to open the ompt, and click <i>Save</i> to start logging data to an Excel file.		Then press the P button to send a measurement value to the PC.	a
8	IMPORTANT: The WTW instrument has a limited memory capacity. When logging starts, the maximum time that the instrument can log is displayed on the WTW instrument in the lower right corner under Max time (7). The <i>Max time</i> is based on sampling rate and duration settings. Once the <i>Max time</i> hits 0, the WTW instrument will stop collecting data to LiteCTRL (i.e., the memory is full!), but logging will continue in LiteCTRL until you press Stop logging . The logged data are now available in the Excel file.		OK Cancel	Active meters 0 / 1	8 Warning ×
			5.3	7	 Empty the memory of the WTW meter before starting an experiment:
9	At any time in the Experiment menu, you can export the data grap pressing Export to Excel button in the drop-down menu in the to <i>Settings panel</i> also contains the Style menu , where you can chang graph.	h into an Excel file by p of the <i>Settings panel.</i> The e the style of the shown		-≪∞rxx)=* # measurements 7 Max time	Press and hold the orms button to enter the "Storage and config" menu. Select "Data storage > Automatic data storage > Erase > Yes" 2. Press the 19 button several times to go back to the
OPTIONAL				00:30:46	 Press the up to several times until the
10	You can design your own protocol in the Protocol designer from the main menu. In the dettings panel, you can adjust the protocol settings, and the adjustment changes will be lisplayed on the protocol graph. The <i>Settings panel</i> also contains an <i>Export to Excel button</i> and a <i>Style menu</i> in the drop-down menu. Hit the <i>Save button</i> 🖺 to save your current protocol.		LolgoST-E1BD	Conductivity Temperature	measurement unit is set to "Salinity". 4. Start automatic measurements: Press and hold the some button to enter the "Automatic data storage " menu. Select "Interval " and set the desired sampling rate.
11					Select "Duration" and set the desired experiment length. Select "Continue" to start automatic measurements. The WTW meter returns to the main menu.