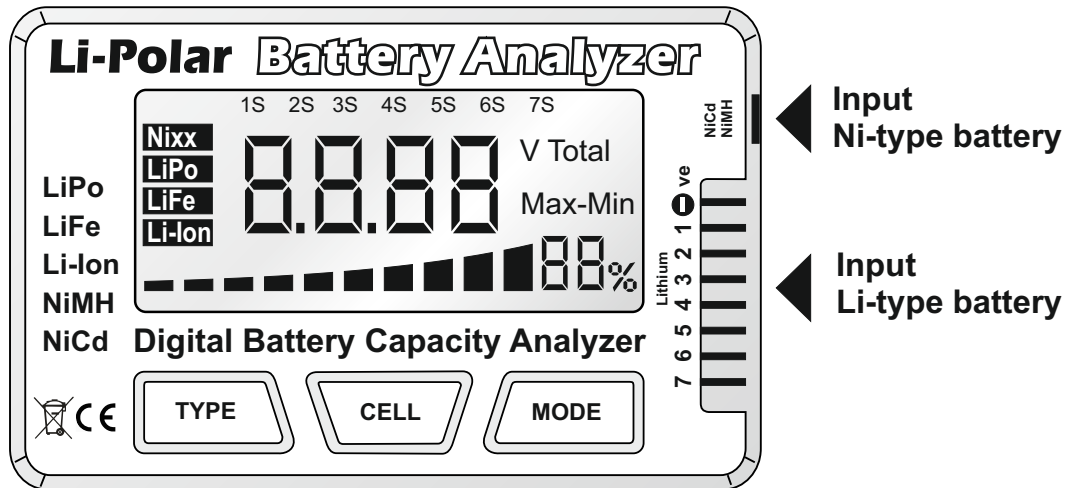


Li-Polar Battery Analyzer

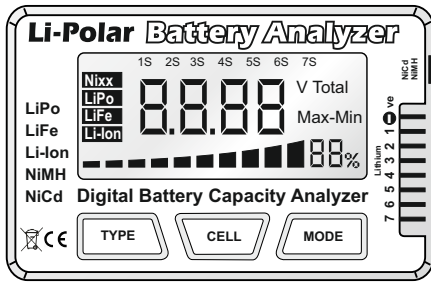


- TYPE** - Battery-type: NiCd/NiMH, LiPo, LiFe, Li-Ion
- CELL** - Button CELL: NiCd, NiMH (4-7 cells), LiPo (2-7 cells)
- Balancer function for Lixx batteries (press and hold 3 sec.)
- MODE** - Battery cell voltages, Total voltage, Highest cell voltage,
Voltage between highest and lowest cell, approximated remaining
battery capacity (%) / Bargraph

	LiPo	LiFe	Li-Ion	NiCd	NiMH
Number of cells	2 - 7	2 - 7	2 - 7	4 - 7	4 - 7
Display voltage	✓	✓	✓	✓	✓
Display capacity	✓	✓	✓	-	-
Display cell-capacity	✓	✓	✓	-	-
Lowest capacity	✓	✓	✓	-	-
Highest cell voltage	✓	✓	✓	-	-
Voltage difference between highest and lowest cell	✓	✓	✓	-	-
Balancer function	✓	✓	✓	-	-

NiCd- and NiMH battery

4 - 7 Cell NiCd/Nixx battery.



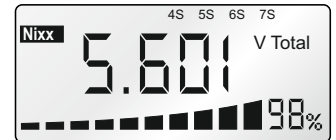
Input NiCd/NiMH battery

1. Connect NiCd/NiMH battery

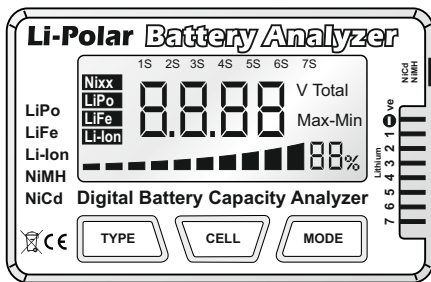


Immediately after connecting the Nixx battery it shows the battery type and total voltage (V-Total). After setting up cell count it shows the approximated remaining capacity of the battery (% and bargraph).

2. Set cell number



Li-type battery



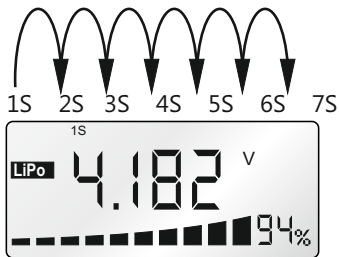
Input Li-battery (using balancer-cable)

1. Select battery type



After connecting the battery it shows the total Voltage (V Total and %).

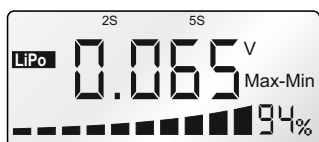
2. Single cell check and balance.



Select the cell individually or press and hold 3 sec. until the beep stops

Display each cell voltage. Voltage and remaining capacity is show for each cell, simultaneously the balancer is activated. When all cells are within 6 mV, the balancer stops, visible by the also stopping charging display of the cell voltages.

3. Voltage difference



Max - Min

Shows the difference between maximum and minimum cell voltage (Max-Min).

4. Highest cell voltage

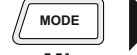


Max



Shows the number of the cell with the highest voltage and the approximated remaining capacity.

5. Lowest cell voltage



Min



Shows the number of the cell with the lowest voltage and the approximated remaining capacity.

6. LiPo/LiFe/LiIon low voltage alarm setting:



press and hold 3 sec.

- Connect battery pack, press the MODE button approx. 3 sec. until the buzzer stops. "Min" appears in the display, and the actual warning voltage. CELL Voltage(LiPo/LiIo/LiFe: 2.5 V - 3.5 V)
- Set warning voltages with CELL (+)/TYPE (-) in 0.05 V/steps.
- Press the MODE button again shortly, "Min/Max" appears in the Display. This is to set the maximum Voltage difference between the highest and lowest cell (from 0.01-0.2V).
- Set warning voltages with CELL (+)/MODE(-) in 0.01 V/steps.
- Press the MODE button again shortly, "AL.ON" appears in the Display.
- Press the CELL button to set the alarm ON/OFF
- Press the MODE button approx. 3 sec., until the buzzer stops to save the setting.