



Sensing Quality, Gauging Success!

3350 Davie Road, Suite 203

Davie, FL 33314

(954) 463-1075

[www.kus-usa.com](http://www.kus-usa.com)

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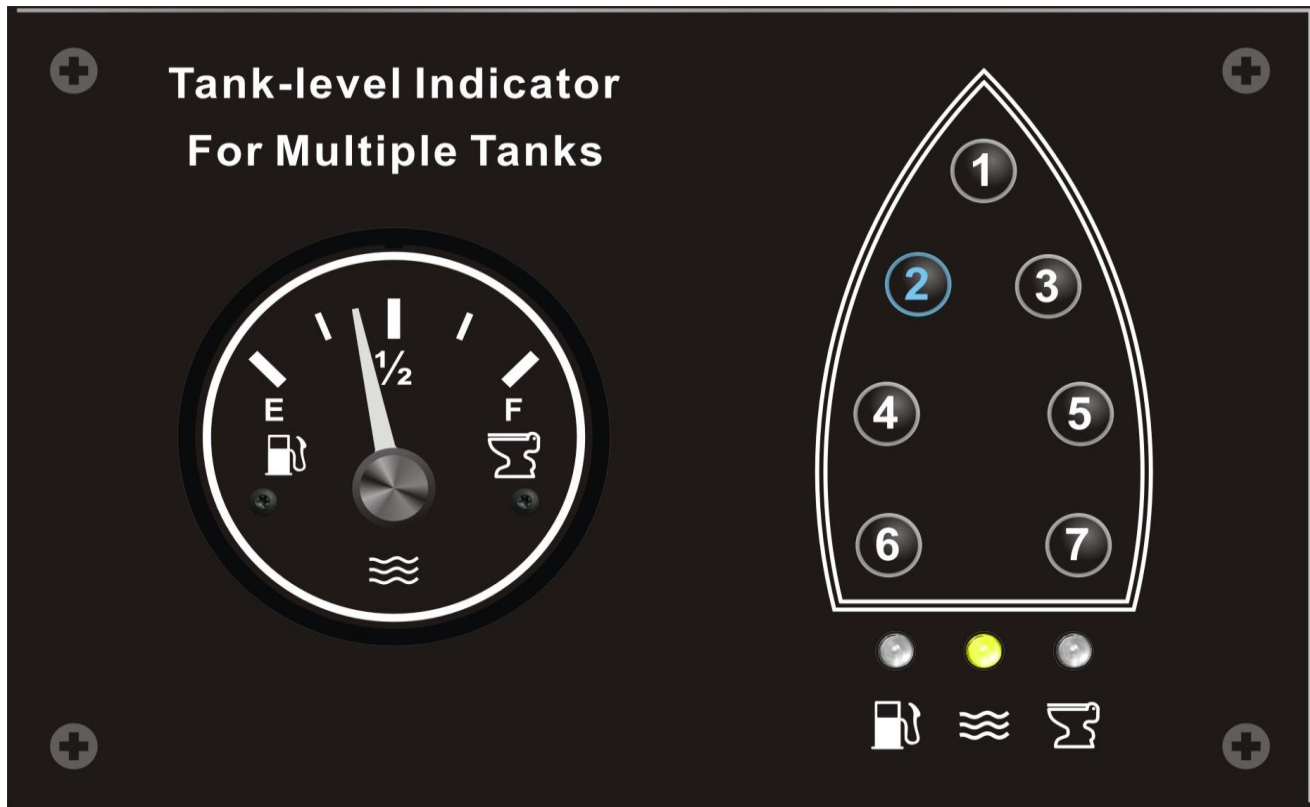
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Product Data Sheet

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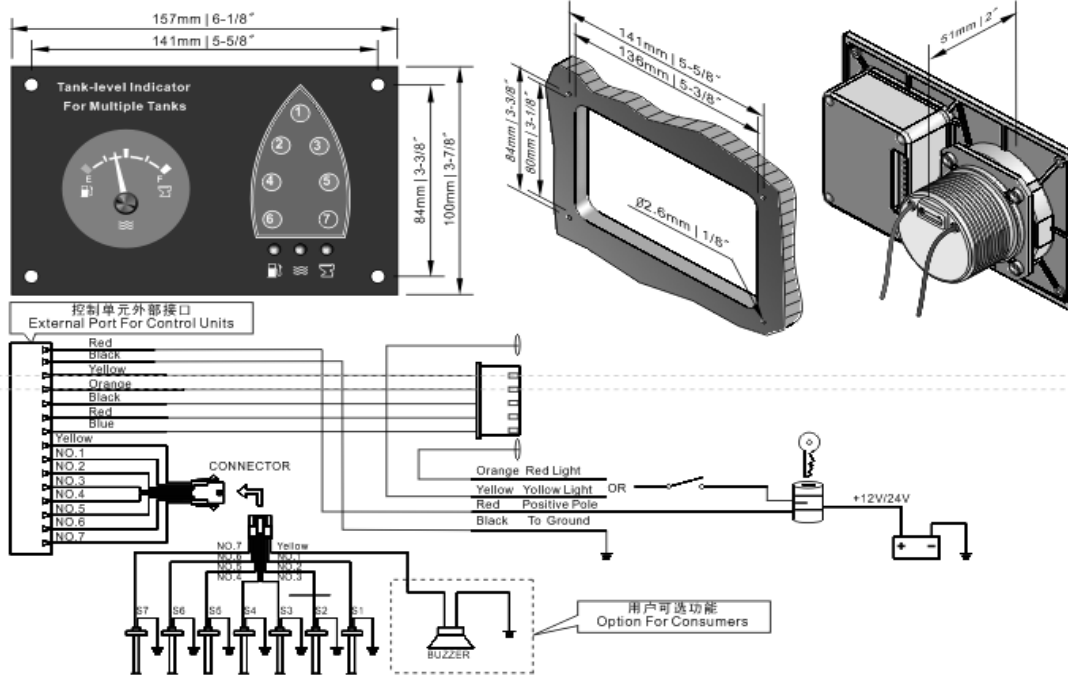
**Description:** The CP7-B allows the user to monitor multiple tanks levels without the need of multiple gauges, thereby saving precious dashboard space. The CP7-B allows the user to toggle between and monitor up to 7 tanks by press of a button.

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<b>Product Type:</b>	CP7
<b>Product Name:</b>	CP7-B
<b>Bezel:</b>	Plastic in Black
<b>Mounting Dimension:</b>	136*80mm
<b>Protection Rating:</b>	IP67 for front; works up to 1m under water
<b>Signal:</b>	240~33Ω
<b>Operating Voltage:</b>	12/24V
<b>Background light</b>	Red or Yellow
<b>Connector:</b>	Multi-plugs socket connection
<b>Indicating Range:</b>	Empty- Full

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## Installation Instructions



- Install 1. Cut a 5-3/8" (136mm) long and 3-1/8" (80mm) wide square hole in your instrument panel, and use the provided screws to install your P7-B/UP7-B panel. Make sure you have at least 2-3/16" (55mm) clearance on the back side of your instrument panel.
2. Connect cables according to wire diagram. The gauge can connect to 24 V power supply directly. Use the black wires 1-7 to connect to the corresponding sensor black wires. If some of the positions are not used, just keep them not to connect to any wires. Then the green LED lightens, and the gauge pointer shows empty position.
- Debug 1. Turn on the power. Switch No.1-7 buttons which were set to water tanks as default. Press 1-7 buttons to connect to 1-7 tanks. Note changes to the gauge needle while operating. If it shows the status of tanks, your connection for the wires is OK.
2. Alarm: When the level is lower than 1/8 position for oil or water tank, yellow or green tank light begins flashing; when the level is higher than 3/4 position for holding tank, red tank light begins flashing. Buzzer for alarming is additional function. You need to use an additional buzzer and connect according to wire diagram. Then when light is flashing, buzzer alarms simultaneously for 10 seconds every 10 minutes, and will close automatically after alarming 3 times. If clients want to purchase buzzer by yourself, remember that the buzzer's maximum power should be no more than 1W (1W is ok).
- Setup 1. Press buttons 1-7 (one at a time) for 3-8 seconds to adjust the tank light. The button you pressed will begin flashing when you release it.
2. Press the flashing position button quickly (less than 3 seconds) to alternate the tank type identification light ( to fuel, water, or holding). Once you have programmed the correct type of tank for that position (1-7), press the flashing position light for 3-8 seconds. The position light will stop flashing, and that position programming is complete. Repeat these steps for all your other tank positions.