

BEFORE YOU START



Due to the use of high-voltage electric fields in the presence of water, electro-fishing is a potentially hazardous activity, for both the operator and surrounding personnel, unless correct safety and operational guidelines are observed.



This quick-start guide is intended to assist in the quick setup and operation in the field. However, please read the full User Manual before using the system for the first time as this contains important safety information.

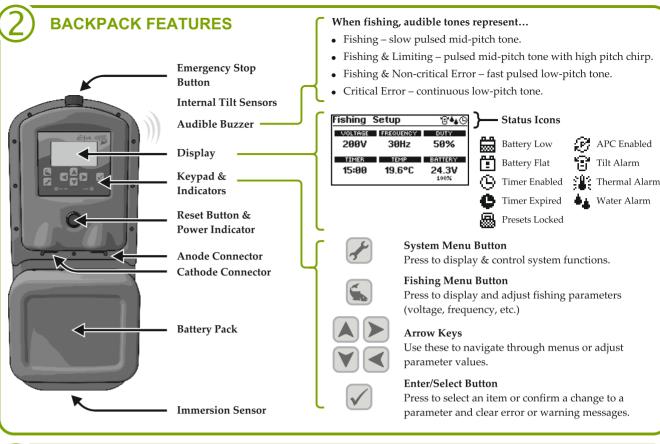


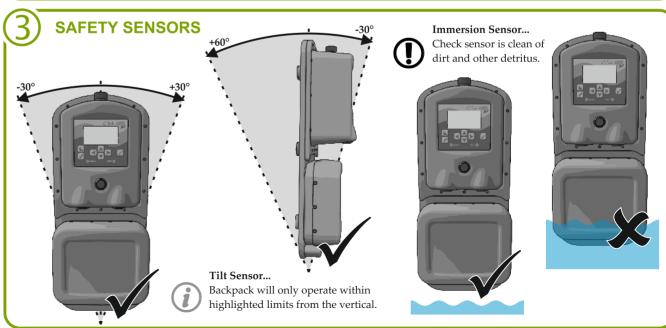
In summary, for the safety of yourself and others...

- Electro-fishing work should never be undertaken by any single person.
- All personnel operating or working in close proximity of the equipment should have received training relating to its use and safe operation, and should not have any medical condition that could be affected electro-fishing activities.
- Wear suitable clothing (waders, life-jacket, etc.), and do not allow unprotected body parts to come into contact with water when electro-fishing is in progress. Equipment and clothing must not be conductive when wet. Avoid wooden handles, ropes and other wicking materials.
- Only use this equipment for electro-fishing when wading in water depths of 0.8m or less. Do not use simultaneously with other electro-fishing systems.
- Only the operator of the backpack and anode should remove debris from the electrode when the system is de-energised with the Stop button locked in position.
- Warning signs and barriers should be used where there is risk of spectators or animals being in close proximity (5m) of electrofishing operations.



Always charge the battery packs in a well ventilated area, as charging may produce small amounts of hydrogen gas.

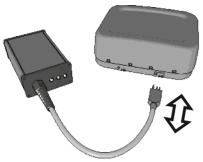




BATTERY CHARGING & FITTING

To charge the battery pack...

With the charger turned off, connect the charging cable to only one of the battery pack connectors.

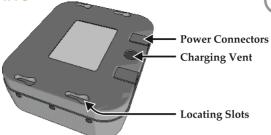




During charging, the battery pack may emit small amounts of hydrogen gas. Always charge battery packs in a well ventilated area.



The battery is fully charged when the green light illuminates on the charger, and may be left in this state until needed for use.



To fit the battery pack...

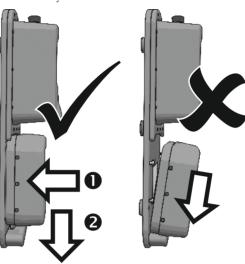
- Hold the battery pack above the main backpack base plate.
- Check the 4 locating pins align with the slots on the battery pack
- Lower the battery pack down onto the base plate, then slide to engage the connectors and lock into position.



Do not force the battery pack into place, or attempt to connect if the locating pins are not correctly engaged into their slots.

For best battery life...

- · Avoid fully discharging the battery if
- Always recharge the battery after use, and don't store in a discharged state.
- When in storage, top up battery charge every 6 months.



Frequency

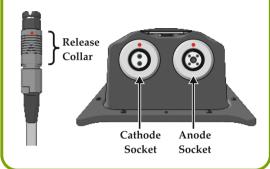
CONNECT ANODE & CATHODE

To connect the anode or cathode cable...

- Check that socket receptacles and plugs are clear of mud or other detritus.
- Align the red dot on the plug with the corresponding dot on the socket and firmly insert the mating part into the socket until you hear an audible click.

To disconnect...

• Hold the plug firmly by the release collar, and pull straight back away from the socket.



POWER UP & RESET

To power up or reset the backpack...



Twist the "Stop Button" red cap clockwise until the latch releases and the red cap springs upwards.



Press the green "Reset" button. If the system powers up correctly, the button will be illuminated green.

ADJUST FISHING SETTINGS

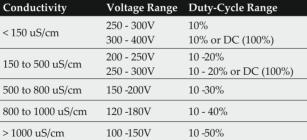
Press...







+	
ty-Cycle Range	
o o	
% or DC (100%)	
20%	
· 20% or DC (100%)	
30%	
40%	







settings.

to adjust, then

These tables only provide a very

details on selecting suitable fishing

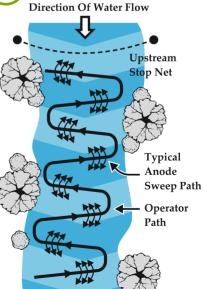
simplified overview - refer to

manual section 7.4 for further



Fish Type	Frequency Range
Salmonids	40 -60Hz
Cyprinids	30 -50Hz
Percids	10 -40Hz
Pike	30 -50Hz
Eel	10 -40Hz

TYPICAL USAGE



Direction Of Survey Team

For survey work, it may be desirable to erect an upstream stop net to further fish entering the survey zone.

Hold the fishing trigger (on the anode pole) to energise the electric field after all other personnel have indicated their readiness.

The operator should walk in a zigzag pattern across the watercourse sweeping the anode in front of them across their path.

Where possible, you should fish in a discontinuous manner, briefly switching off the anode at intervals (whilst keeping it in the water) such that fish are not driven ahead of the fishing team.

A team member should accompany the operator with a catch net and fish holding bucket.