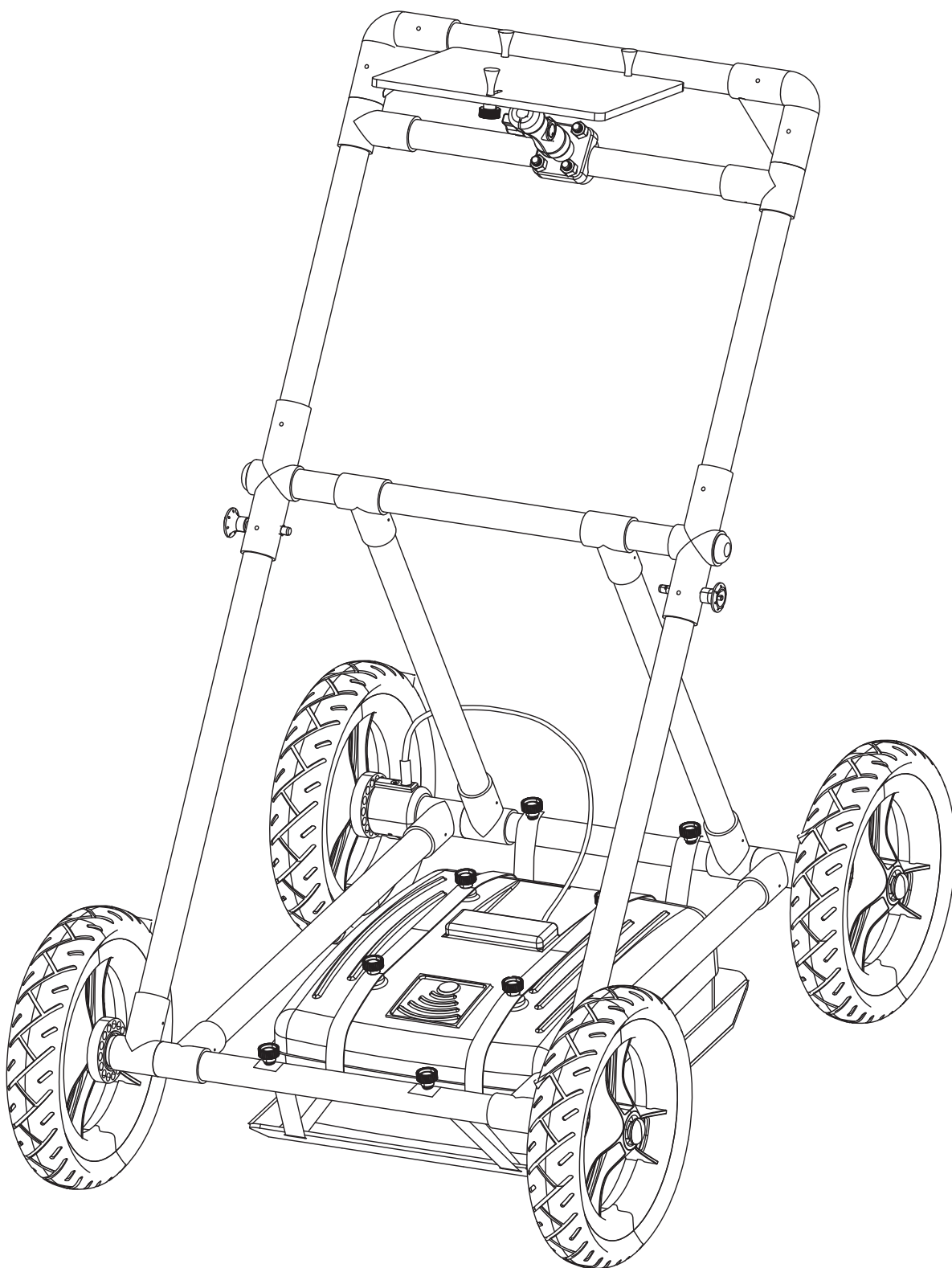




GEOSCANNERS

Advanced Geophysical Equipment and Software



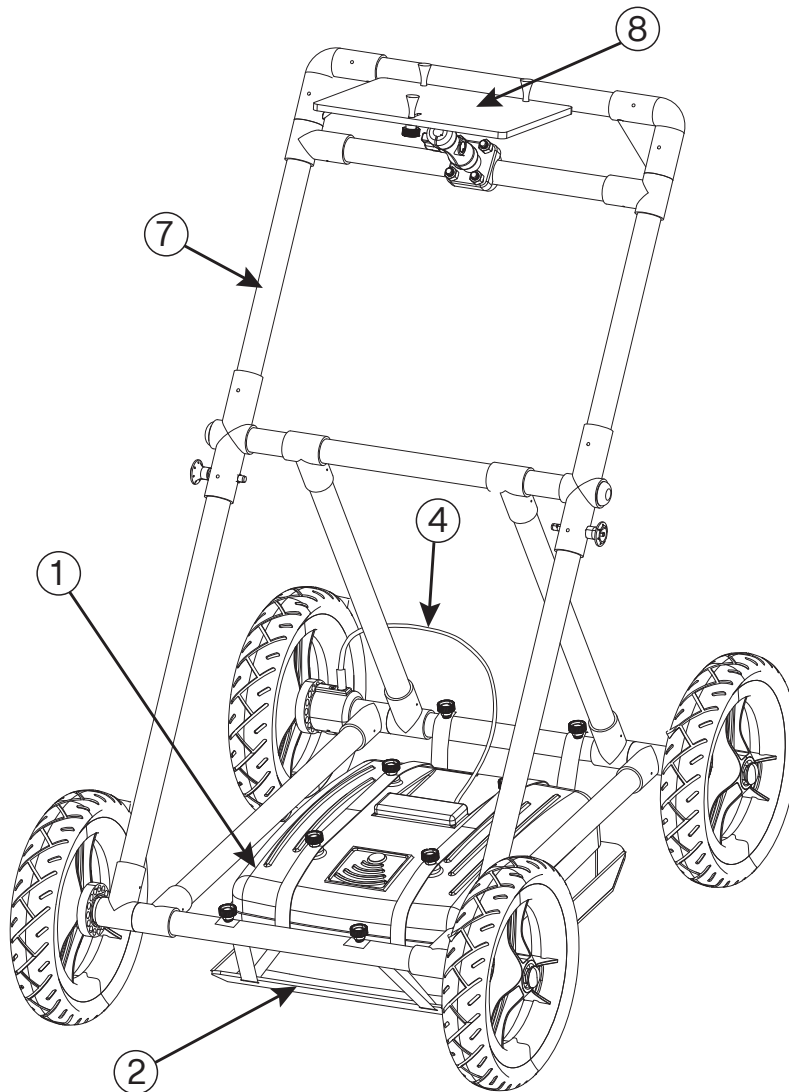
PiL1823A

Quick Start Guide



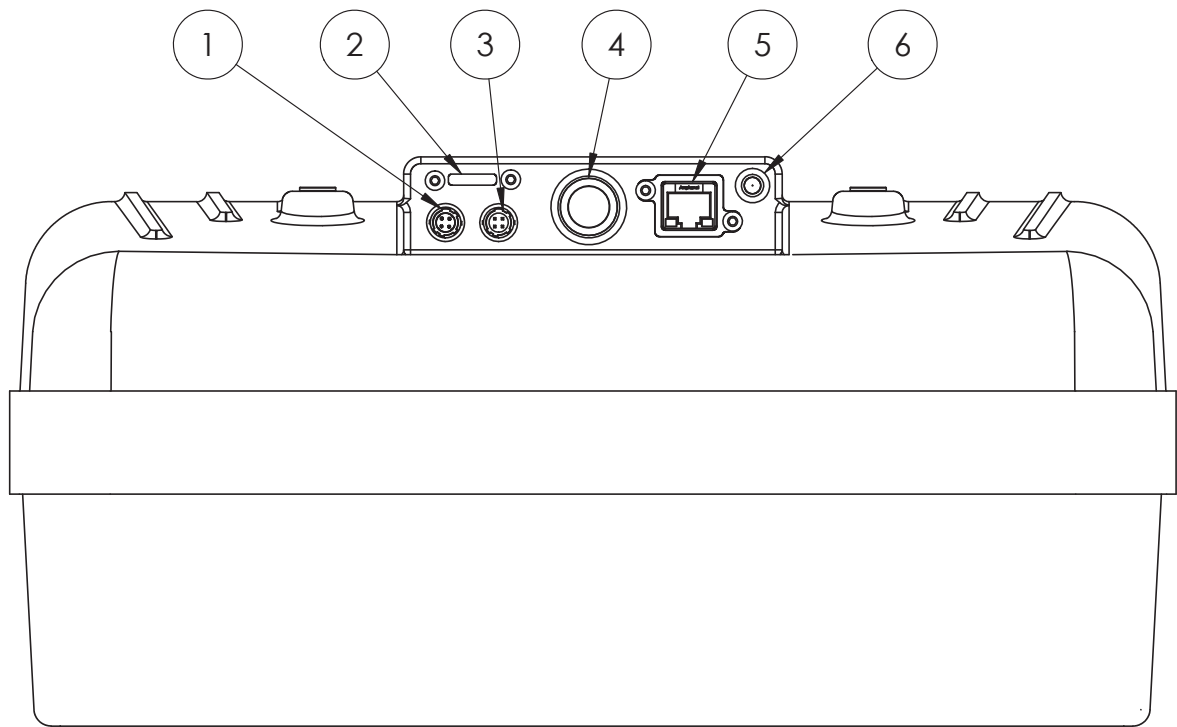
Kit Contents

Item	Name	Description	Quantity
1	PiL1823A	Integrated GPR system	1
2	S2N-SVC-PiL	Sled for PiL1823 system	1
3	CHR-109	Charger for PiL1823 system	1
4	SEC-104	Survey wheel cable for PiL1823 system	1
5	T-1024 4g	High performance tablet (optional)	1
6	STYLUS	Stylus for screen touch (optional)	1
7	SVC-823	Survey Cart for small systems	1
8	SH-128	Holder for tablets (10-inch) on small systems	1
9	GAS22	Acquisition software (download) and updates (1 year)	1
10	GPRSoft PRO	Post processing software (1 year subscription)	1





Front panel connectors and indicators



1. Survey wheel input port.
2. SD Card port (Optional item).
3. Charger port.
4. Main power switch.
5. Ethernet connector RJ-45, standard.
6. Main status indicator.



Getting started

Please refer to the front panel connectors and indicators diagram to follow the instructions below.

1. Connect the supplied charger to the charger port and wait for the main status indicator to show green indicating the internal battery is fully charged.
2. If using the wired connection then, connect the supplied CAT-6 RJ-45 Ethernet cable to the system and the other end to the computer or Ethernet adapter when using tablets.
3. Connect the supplied SEC-104 survey wheel cable to the encoder unit on the survey cart SVC-823 and the other end to the system.
4. Press the main power switch and the blue circle should now be lit. The status LED blinks blue indicating the system is operational and waiting for the host to establish communications.
5. Start the software GAS22 on your computer or tablet and the system is ready to work.

Main status indicator codes

While charging:

Yellow - The internal batteries are being charged.

Green - The charge cycle is complete and the batteries are full.

While operating the unit:

White - Power on and boot, this last only a second or so.

Blue blinking - System boot complete and waiting for communications with software/host.

Blue - Connection established with the host.

Red - Scan in progress or setup mode activated.

Yellow - The charging adapter is present, remove it to avoid conflict with the survey wheel.