

XP and shallow housing battery cables (using Subconn connector). Wire lengths should allow 12" between DB-9 and battery/endcap assembly.

	MCBH8M Bulkhead		XP Battery Pack	DB-9 (female)	pH logger
Ground	Pin 1	BLK		Pin 2	J2.4
RxD	Pin 2	WHT		Pin 5	J3.4
TxD	Pin 3	RED		Pin 4	J3.3
V_{batt}^{+}	Pin 4	GRN		Pin 1	J2.3
V_{pump}	Pin 5	ORG		Pin 3	J1.3
	Pin 6	BLU (NC)			
V_{lith}^{-}			BLK	Pin 6	J2.2
V_{lith}^{+}	Pin 7	WHT/BLK	RED		
V_{ext}^{+}	Pin 8	RED/BLK		Pin 9	J2.1
V_{bias}^{-}			BRN	Pin 7	
V_{bias}^{+}			YEL	Pin 8	

NOTE: Pins 4 and 8 on bulkhead need to be shorted to power controller.