

QUANTUM INSTRUMENTS INC.

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CONSUMER PRICE LIST

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Prices & specifications subject to change without notice.

QUANTUM POWER FOR FLASH SELECTION CHART - modules and cables*

Find your flash or camera in the left column. Then read across to locate the compatible modules or cables to fit the Quantum power packs listed:

** "CC" short cords are usually used with Turbo C when mounted under a camera. They may also be used with any other Turbo when mounted near a flash, such as on a light stand.

FLASH MODEL	QB1 Compact			Turbo Compact			FLASH MODEL	QB1 Compact			Turbo Compact			FLASH MODEL	QB1 Compact			Turbo Compact		
	BANTAM	QB1+	QB2	**	TURBO 2x2 QTZ SC			BANTAM	QB1+	QB2	**	TURBO 2x2 QTZ SC			BANTAM	QB1+	QB2	**	TURBO 2x2 QTZ SC	
ACHIEVER - 1850STW	XA2	MA2					METZ - CONT						PENTAX - AF500FTZ						CN3	
300AF ² ,630AF ²	XG2 ²						40MZ1i, 40MZ2, 40MZ3	XE4	ME4				AF400T			MP				
DZ260,360LCD,TZ250	XG2	MG2					45CT-1,45CT-5			MM		CM1	PROMASTER/ PROMATIC							
632LCD,320T	XG2	MG2					45CL 1,3,4;45CT 3,4			MM	CCM4	CM4	FTD4000, FTD4500AF	XF2	MF2					
BRAUN - 320,340	XA2	MA2					54MZ-3, 54MZ-4, 54MZ-4i	XKZ3	MKZ3		CM54	CM54	FTD5200 ² ,FTD5600 ²	XF2 ²						
CANON MR-14EX, 24EX	XA2	MA2		CCZ	CZ		45CL4D, 50MZ-5 ³				CCM5	CM5	FTD 5700, 5750DX, 5950	XB5	MB5					
430EX, 430EX II	XB2	MB2					70MZ-4/5 ³ , 76MZ-5				CCM5	CM5	FTD 6500M,7000M,5550DX	XB5	MB5					
299T	XB2	MB2					MINOLTA - 280PX ²	XA2 ²					7500DX	XB5	MB5					
300TL, ML-3	XG2	MG2					320X,80PX	XA2	MA2				SIGMA - EF430	XG2	MG2					
300EZ	XF2	MF2					360PX	XA2	MA2			CL3	EF500ST, EF500 SUPER	XVI	MVI					
380EX, 420EX	XF3	MF3					2800AF	XE	ME				EF-530DG Super	XVI	MVI					
420EZ	XZ2	MZ2					1200AF MACRO	XE	ME				SONY-HVL F58AM				CL5	CL5		
430EZ	XZ2	MZ2		CCZ	CZ		4000AF	XB2	MB2			CL4	STARBLITZ-3000 SERIES	XB2	MB2					
480G ¹				CCZ	CZ		3200i	Xi	Mi				(EXCEPT 3600DFM)							
540EZ, 550EX	XKZ3	MKZ3		CCZ	CZ		3500Xi	Xi5	Mi5				3600DFM,3800 DEF	XF2	MF2					
580EX	XB5	MB5		CCZ	CZ		5400HS,5400Xi,5200i	Xi5	Mi5			CL5	D30CP	XB2	MB2					
580EX II	XB2	MB2		CCZ	CZ		3600HS(D)	XKZ3	MKZ3				SUNPAK - 411S,383	XG2	MG2		CCS4	CS4		
COBRA - 30TD,D500	XA2	MA2					5600HS(D)	XKZ3	MKZ3			CL5	422D,433D/AF,444D	XG2	MG2		CCS4	CS4		
300AF ² ,700AF ²	XG2 ²						NATIONAL - PE321SW	XA2	MA2				30SR,30DX,36FD,36DX	XG2	MG2		CCS4	CS4		
D650,D632	XG2	MG2					PE387S, PE388SW	XG2	MG2				331,333,333D,344D,355AF	XG2	MG2					
CONTAX - TLA30 ²	XA2 ²						JAPAN ONLY: PE381SG					CN3	26DX/FD/SR, 260, 266D	XG2	MG2					
TLA360	XKZ3	MKZ3		CCKE	CKE		NIKON - SB900					CCKE	CKE	AUTO DX 8R	XA2	MA2		CCS4	CS4	
TLA280	XA2	MA2					SB800 ⁵	XKZ3	MKZ3			CCKE	CKE	AUTODX 12R	XG2	MG2		CCS4	CS4	
CULLMAN - MC25	XG2	MG2					SB23,SB12,SB16	XG2	MG2				411,511				CCS5	CS5		
MC30,CX35,CX40	XG2	MG2					SB15,SB17	XF2	MF2				522,544,555,4205G			MS	CCS5	CS5		
FUJICA - 300X ²	XF2 ²						SB20,SB22	XE	ME				455,AUTOZOOM 3600			MS	CCS5	CS5		
HANIMEX - TZ134	XB2	MB2					SB24,SB25	XKZ3	MKZ3		CCK	CK	AP52, 4000 AF				CCS4	CS4		
TS855	XB2	MB2					SB21 ²	XF2 ²					PZ5000AF	XKZ3	MKZ3		CCS4	CS4		
TZ3-36A ²	XE ²						SB26, SB27,SB28-NON EURO	XKZ3	MKZ3		CCK	CK	611,AUTOZOOM 5000		MC		CCS5	CS5		
PRO 550 ²	XB2 ²						SB28-EURO,28D,28DX,80DX	XKZ3	MKZ3		CCKE	CKE	622, 622 PRO		MH			CS6		
HASSELBLAD - 4504			MM	CCM4	CM4		SB-29	XKZ3	MKZ3				120J AUTO PRO /TTL		MA2		CCS4	CS4		
D-Flash 40				CCS4	CS4		SB600	XK6	XX6 BOB				MZ440AF-CA ⁴ , MX ⁴	XG2	MG2					
HONEYWELL - 710					CH		NISSIN - 340T	XG2	MG2				VIVITAR - 285	XA2	MA2					
780, 780S, 782					CH		360WX,360TW	XG2	MG2				283,285HV	XA2	MA2		CCV	CV		
810, 890, 890S					CH		4000GW, 4800GT, 5000GT			MN			3700,4600, 600 SERIES 1	XA2	MA2		CCV	CV		
892, 892S					CH		4200, 4500GT, 6000AF/GT			MN2			4900 VT			MN2				
LUMA - Pro	XA2	MA2					NEW STYLE 5000GT(HLDR)			MN2			5200,5600	XG2	MG2		CCV	CV		
METZ -25CT3	XA2	MA2					OLYMPUS - FL-50	XKZ3	MKZ3			CO5	3900						CN3	
28CT3,38CT3	XA2	MA2					FL-40	XA2	MA2				628AFM,636AF	XF2	MF2					
32CT SERIES,EXCEPT CT7	XE	ME					T32	XE	ME			CO3	5250,728ZOOM,836AF	XG2	MG2					
58AF-1N, 1C, 1OP, 1PS	XKZ3	MKZ3		CM58	CM58		T45					CO3	730 AFC	XB5	MB5					
36CT SERIES	XE	ME					PENTAX - AF200T, AF280T	XA2	MA2				736 AFM, 840 AFC	XVI	MVI					

¹ All Turbos may require no charge factory modification to operate with flash. ³ Note CM5 instruction manual restrictions when used with Turbo not Turbo Z, SC, 2x2, or C.

² QB1c not recommended for use with this flash use Bantam only. ⁴ Battery compartments have changed on newer units with same model #. Old units use XF3, MF3

⁵ When using any Turbo Battery do not use a fifth "AA" Battery w/SB800

Quantum Power for Digital Cameras and their Flashes

July, 2009

Use Quantum Batteries for extended power for your digital camera!

Use Turbo Batteries to power your flash and digital camera!

		Quantum Cables and Modules to power your gear listed below:					
Digital Camera Model	¹ Flash Model	Battery 1 Compact	Battery 1 / 1+	Battery 2	Turbo Compact	³ Turbo Battery	Turbo 2x2 Battery
		Digital Camera Power Only			DigiCam Power / ² Flash Power		
CANON - D30, D60, 10D, 20D, 5D ⁷ 50D, 40D, 30D, 300D/Digital Rebel	Canon 550EX 580EX, 580EX11				⁵ YDC30 / CCZ	⁴ CD30 / CZ	⁵ CD30 / CZ
EOS D2000	Qflash T2/D/4D5d/5dR			MDC3	YDC3	CD3	CD3
EOS 1D, 1Ds, 1D/Ds Mark II, 1D/Ds MK III	Canon 550EX, 580EX, 580EX11				YDC6 / CCZ		SD6 / CZ
EPSON -PC850Z, PC3000Z		XDC2	MDC2		XDC2		SD2
FUJI - FinePix S1 Pro, S2 Pro, S3 Pro, S20 Pro, S7000	Nikon SB80DX SB800 ⁶ , SB900	XDC4	MDC4		XDC4 / CCKE		SD4 / CKE
S5000, S3000, S602		XDC4	MDC4		XDC4		SD4
KODAK - DCS 315, 330, DC 50, 120				MDC5	YDC5	CD5	CD5
DCS 315, 330	Qflash T2/D/4D5d/5dR				YDC5	CD5	CD5
DC 4800		XDC4	MDC4		XDC4		SD4
DC 200, 210, 220, 260, 265, 280, 290, 3400, 5000		XDC2	MDC2		XDC2		SD2
DCS 520, 620, 620x, 720x, 760	Qflash T2/D/4D/5d/5dR			MDC3	YDC3	CD3	CD3
DCS 720X, 760	Nikon SB80DX SB800 ⁶ , SB900				YDC3 / CCKE	CD3 / CKE	CD3 / CKE
DCS PRO BACK	Qflash T2/D/4D/5d/5dR			MDC3	YDC3	CD3	CD3
DCS PRO BACK 645M, 645C	Qflash T2/D/4D/5d/5dR			MDC5	YDC5	CD5	CD5
DCS Pro 14n, SLR/n	Nikon SB80DX SB800 ⁶ , SB900				YDC8 / CCKE		SD8 / CKE
MINOLTA -Dimage RD 3000, 5, 7, 7i, S404, A1, A2		XDC4	MDC4		XDC4		SD4
COOLPIX 900S, 990, 995, 4500, 5000, 5700, 8700, 5400	Nikon SB80DX SB800 ⁶ , SB900	XDC2	MDC2		XDC2 / CCKE		SD2 / CKE
NIKON - D2H, D2X, D2Hs, D200, D3, D2Xs; Fuji S5 Pro	Nikon SB80DX SB800 ⁶ , SB900				YDC10 / CCKE		SD10 / CKE
D1, D1X, D1H	Nikon SB80DX SB800 ⁶ , SB900				YDC1 / CCKE	CD1 / CKE	CD1 / CKE
D100, D70, D70s, D80, D90, D300, D700	Nikon SB80DX SB800 ⁶ , SB900				YDC100 / CCKE	CD100 / CKE	CD100 / CKE
OLYMPUS - All C, and D Series digicams ex. C50, D40, D-540, 545, 560		XDC2	MDC2		XDC2		SD2
E10, E20 digital cameras	Qflash T2/D/4D/5d/5dR	XDC2	MDC2		XDC2		SD2
Sigma SD-9, SD-10	Qflash T2/D/4D/5d/5dR	XDC4	MDC4		XDC4		SD4

NOTES:

- ** Canon Power Shot G2,3,4,5,6 & Pro1 need Canon Part AD-1192. Turbo 2X2 only. Send in \$22.00 for custom cable DH
- Flash model can be a Qflash, Qflash 2, 2d, 4d, 5d or 5d-R or manufacturer's flash listed.
 - "CC" series Flash Cables (1.5' / .5m long) are ideal for Turbo Compact. "C" series Flash Cables (6' / 2m long) are ideal for Turbo and Turbo 2x2. Qflash comes with its own cable- an accessory cable is not required.
 - Turbo needs Dual Connector QT48 to power both digital camera and flash. Turbo Compact & Turbo 2x2 have two outputs to power both a flash and camera.
 - Turbo will not function when used with a Canon BG-E2 battery grip.
 - YDC30 & CD30 power cables need modification when used with Canon BG-E2 battery grip - send to Quantum.
 - Do not use the 5th "AA" battery with an SB800 when using any of the Turbo Batteries.
 - Do not mount Turbo Compact directly under Canon 5D unless you have a Canon BG-E2 battery grip under the camera.

Dw/DwR Series QTTL - "Pre-flash" Compatibility Chart

July, 2009

Digital Camera model	QTTL Adapter	Qflash Series	Supported features																		
			Direct link to Qflash							Wireless link to Qflash @											
			Full dedication	Pre-flash metering	Auto focus assist	TTL Ratio / Fill flash	Auto Fill	Rear curtain sync	Shutter speed control	Viewfinder ready	Wireless Non Pre flash QTTL	Wireless Pre flash QTTLw	Wireless Remote Auto	Wireless Pre Flash QTTLw - Ratio							
Canon		QF5d-R,QF3d-R ³		aTTL	2																
EOS1,3,10D,D30,D60,20D,30D,40D		QF5d		eTTL																	
50D, 5D, EOS1D, 1Ds, 1D/Ds M2	D23wR	QF2d / QF4d		eTTL2	2																
EOS 1D/Ds M3, 5D M2																					
Rebel 300D, 350D		QF / QF2																			
Nikon - iTTL		QF5d-R,QF3d-R ³		iTTL	2																
Fuji S5; D90		QF5d																			
D2H, D2Hs, D2X, D70, D70s,	D22wR	QF2d / QF4d		iTTL	2																
D80, D200, D3, D300, D700,		QF / QF2																			
Nikon - dTTL		QF5d-R,QF3d-R ³		dTTL	2																
		QF5d																			
D1H, D1X, D100, F100, F5, D1	D12wR	QF2d / QF4d		dTTL	2																
Kodak Pro 14n, Pro SLR/n																					
Fuji S3		QF / QF2																			
Olympus		QF5d-R,QF3d-R ³			2																
		QF5d																			
E-3, E-1, E-300, E-20, E-500	D10w	QF4d			2																
E-330 ¹ , E-510		QF / QF2/QF2d	not compatible with E1/E20																		

Legend

- Feature supported by Dw Adapter / Qflash model indicated. Camera TTL mode indicated if applicable.
- Note: Under/Over/OK indicators disabled in the wireless Preflash mode
- NA Not supported by the camera model
- @ Requires FreeXWires FW7Q ,FWR8, FW9T, and/or FW10w
- ² Camera must be set to **one shot** or **single shot**, and **center** square only. Check your camera's custom / personal settings for any other options that need to be set to activate AF assist.
- ¹ not compatible with wireless features
- ³ QF3d-R is an upgraded QF2 / QF2D

D/Dw/DwR Series QTTL - "non Pre-flash" Compatibility Chart

July, 2009

Camera model	QTTL Adapter	Qflash Series	Supported features												
			Direct link to Qflash							Wireless link to Qflash @					
			Full dedication	Pre-flash metering	Auto focus assist	TTL Ratio / Fill flash	Auto Fill	Rear curtain sync	Shutter speed control	Viewfinder ready	Wireless Non Pre flash QTTL	Wireless Pre flash QTTLw	Wireless Remote Auto	Wireless Pre flash QTTLw Ratio	
Canon 1, 1n, 1n RS, 1v, 7, 7E, 10, 10S, 600, 620, 630, 650, 700, 750, 850, 1000, 1000F, EOS-3, A2E, A2, A5, Elan, Elan2, Elan2e, Rebel, Rebel S, RT, T90	D23wR	QF5d-R			2							1			
		QF2d/QF4d/QF5d			2							1			
		QF / QF2										1			
Nikon FA, FG, FE2, F100, F301, F4, F4S, F401, F401S, F501, F601, F601M, F801, N60, N70, N2000, N2020, N4004, N6000, N6006, N8008, N8008S, N90, N90S Fuji S2	D12wR	QF5d-R			2							1			
		QF2d/QF4d/QF5d			2							1			
		QF / QF2										1			
Hasselblad H1, H1D, H3 Series	D19Hw	QF5d-R			2	*									
		QF2d/QF4d/QF5d			2	*									
		QF / QF2				*									
Contax 645	D24	QF5d-R			2										
		QF2d/QF4d/QF5d			2										
		QF / QF2													
Mamiya 645AF, 645AFD	D25	QF5d-R			2	*									
		QF2d/QF4d/QF5d			2	*									
		QF / QF2				*									

Legend

- Feature supported by Dw Adapter / Qflash model indicated. Camera TTL mode indicated if applicable.
- * Set TTL fill flash ratio on camera body, models 645AFD and H1 only.
- Note: Under/Over/OK indicators disabled in the wireless Preflash mode
- NA Not supported by the camera model
- @ Requires FreeXWires FW7Q, FWR8, FW9T, and/or FW10w
- 1 If your camera is capable of both TTL or pre-flash metering, elect TTL mode only. See your cameras operating manual for selecting the metering mode.
- 2 Camera must be set to **one shot** or **single shot**, and **center** square only. Check your camera's custom / personal settings for any other options that need to be set to activate AF assist.

Quantum Battery 1 Compact

QB1c	QB1 Compact Battery			Retail: 151	
6V NiMH cell rechargeable power pack w/115 VAC charger QB1c has two outputs, for Bantam "X" modules and QB1+ "M" modules					
Model	Description	Retail	Model	Description	Retail
XA2	locking module	56	XCX	power cord for Contax 645	43
XB2	locking module	56	XK6	module type K6	56
XB5	module type B5	56	XKZ3	locking module	68
XDC2	power cord for digital cameras	43	XVI	module type VI	68
XDC4	power cord for digital cameras	43	XZ2	locking module	68
XE	module type E	56	QBO	offset multi bracket	29
XE3	module for Metz 32Z series	71	QB24	UK 230 VAC charger	64
XE4	module for Metz 40M22	71	QB26	replacement 115 VAC charger	48
XF2	locking module	56	QB32	Aus/NZ charger 240 VAC	50
XF3	module type F3	56	QB35	vehicle charger	129
XG2	locking module	56	QB38	Euro/Scan. charger 230 VAC	57
Xi5	module type i5	56	QBC	mounting clamp	47
Notes: See QB1+ Modules & Accessories for QB1c Compatibility <i>Bantam Chargers & QB1+ Fast Charger are not compatible with the QB1c</i>					

Bantam Battery Accessories

Model	Description	Retail	Model	Description	Retail
BEX	2-6 ft coiled extension for Bantam Modules	45	BR1	replacement 115 VAC charger	45
BQA	adapts QB1 / QB1+ modules to Bantam	45	BR3	Aus/NZ charger 240 VAC	48
BQB	adapts Bantam modules to QB1 / QB1+	56	BR4	Euro/Scan. charger 230 VAC	57
			BR5	UK 230 VAC charger	57
			BCLIP	replacement case clip	2
			BCLSK	screw knob assy. for BCLIP	5
Notes: See QB1 Compact Modules for Bantam Compatibility					

Quantum Battery 1+, Modules and Accessories

QB1+	Quantum Battery 1+			Retail: 288	
6V lead cell rechargeable power pack w/115 VAC charger					
Model	Description	Retail	Model	Description	Retail
MA2	locking module	68	Mi5	module type i5	73
MB2	locking module	68	MKZ3	locking module	73
MB5	module type B5	73	ML	module type L	76
MC	module type C	115	MVI	module type VI	85
MCX	power cable for Contax 645	43	MZ2	locking module	76
MDC2	power cable for Digital Cams	47	QB24	UK 230 VAC charger	64
MDC4	power cable for Digital Cams	47	QB26	replacement 115 VAC charger	48
ME	module type E	73	QB32	Aus/NZ charger 240 VAC	50
ME3	module for Metz 32Z series	73	QB34	fast charger 115 VAC	174
ME4	module for Metz 40M22	73	QB35	vehicle charger	129
MF2	locking module	73	QB38	Euro/Scan. charger 230 VAC	57
MF3	module type F3	73	QBC	mounting clamp	47
MG2	locking module	73	QB60	Leather Shoulder Strap	33
MH	module type H	76			

QUANTUM BATTERY 2, MODULES AND ACCESSORIES

QB2	Quantum Battery 2 9V lead cell rechargeable power pack w/115 VAC charger				Retail: 347
Model	Description	Retail	Model	Description	Retail
MDC3	power cable for Digital Cams	47	QB27	replacement 115 VAC charger	50
MDC5	power cable for Kodak Digital	47		(QB2 s/n 211833-215329)	
MM	module for Metz 45CT/45CL	85	QB28	replacement 115 VAC charger	50
MN	module for Nissin-see chart	101		(all other QB2 s/n)	
MN2	module for Nissin-see chart	101	QB29	UK 230 VAC charger	59
MP	module for Pentax AF400T	101	QB33	Aus/NZ charger 240 VAC	51
MS	module for Sunpak-see chart	74	QB36	vehicle charger	126
MY	power cable for Mamiya	57	QB37	fast charger 115 VAC	177
	RZ67 Pro 11 & 645 Pro cameras		QB39	Euro/Scan. charger 230 VAC	59
QB23	10' extension for QB2 modules	62	QBC	mounting clamp	47
			QB60	Leather Shoulder Strap	33

QUANTUM BATTERY 5+ MODULES AND ACCESSORIES

Model	Description	Retail	Model	Description	Retail
HB30	replacement 115 VAC charger	50	RA-0	power cord without	43
HB32	Euro charger 230 VAC	51		module attached	
QB60	Leather Shoulder Strap	33	RA16	vehicle charger	141
			PS	shoulder strap	54
			QBC	mounting clamp	47

QUANTUM BATTERY 5 (ONLY) CHARGERS

QB50	replacement 115 VAC charger	50	QB52	Japan charger only	59
QB51	Euro charger 230 VAC	59	QB53	UK Charger 230 VAC	59

TURBO SLIM COMPACT BATTERY, ACCESSORIES

TSC	Turbo Slim Compact Battery 325V NiMh rechargeable power pack with 100-240 VAC charger				Retail: 598
Model	Description	Retail	Model	Description	Retail
QB60	Leather Shoulder Strap	33	TCRU	replacement charger 100-240v	65
QBC	mounting clamp	47		for(TCUS,TSCUS, E, UK & Aust.)	
ES1	for Viv 285HV;Metz 45CL1,3,4 & 45CT 3,4;Hasselblad 4504	9	TCV	vehicle charger	126
ES2	for Canon 430EZ, 540EZ, Nikon SB24, SB25	9	QT49	10' extension cord for Turbo cables	70
Notes: Turbo SC uses same flash cables as Turbo Battery and Turbo Compact - "CC" short flash cables and "C" long flash cables					

TURBO AC

TAC	Turbo AC Supplies low & high voltage from AC mains power 100-240VAC includes TAC mounting clamp & AC mains US/Can. power cord				Retail: 570
Notes: Turbo AC uses same digital camera power cables as Turbo Compact					
Notes: Turbo AC uses same flash cables as Turbo Battery					

TURBO Compact, CABLES AND ACCESSORIES

TC	Turbo Compact 325V NiMh cell rechargeable power pack w/100-240v charger				Retail: 570
Model	Description	Retail	Model	Description	Retail
YDC30	cable for Canon D30,D60,10D	99	CCS5	short cable Sunpak-see chart	65
YDC100	cable for Nikon D100, D70	65	CCV	short cable Vivitar-see flash chart	65
YDC1	cable for Nikon D1, D1X, D1H	65	CCZ	short cable for Canon - see flash chart	56
YDC3	cable for Kodak 720X, 760	48	TCRU	replacement charger 100-240v for(TCUS,TSCUS, E, UK & Aust.)	65
YDC5	cable- see digital chart	48	TCV	vehicle charger	126
YDC6	cable for Canon 1D,1Ds,Mark II	115	QT49	10' extension cord for Turbo cables	70
YDC8	cable for Kodak Pro 14n	48	QMC	Multi clip	0
YDC10	cable for Nikon D2H, D2X	115	ES1	for Viv 285HV;Metz 45CL1,3,4 & 45CT 3,4;Hasselblad 4504	9
XDC2	cable- see digital camera chart	43	ES2	for Canon 430EZ, 540EZ, 550EX Nikon SB24, SB25	9
XDC4	cable- see digital camera chart	43			
CCK	short cable Nikon-see CK cable	53			
CCKE	short cable Nikon-see chart	56			
CCM4	short cable Metz-see CM4 cable	65			
CCS4	short cable Sunpak-see chart	65			

Notes: Turbo Compact can also use same flash cables as Turbo Battery

QUANTUM TURBO Z BATTERY ACCESSORIES

Model	Description	Retail	Model	Description	Retail
QZRUS	replacement 115 VAC chgr	47	QZRJ	Japan charger only	62
QZRA	Aus/NZ charger 240 VAC	62	QZRUK	UK 230 VAC charger	62
QZRE	Euro/Scan. charger 230 VAC	62			
QB60	Leather Shoulder Strap	33			

NOTE: QTZ uses same cables as QTB

QUANTUM TURBO 2X2 BATTERY, CABLES AND ACCESSORIES

T2X2	Quantum Turbo 2X2 Battery 325V NiMh rechargeable power pack with 100-240 VAC charger				Retail: 767
Model	Description	Retail	Model	Description	Retail
SD2	cable- see digital chart	67	SD14	cable- 12v female vehicle adapt cell phones, PDA's	67
SD4	cable- see digital chart	67	SD16	cable- Leaf Valeo & Aptus backs	67
SD6	cable- see digital chart	67	TRU	replacement charger 100-240v for (T2x2US, E, UK & Aust.)	65
SD8	cable- see digital chart	67	QB60	Leather Shoulder Strap	33
SD10	cable- see digital chart	67			
SD12	cable- Sinar backs + all 12v items	67			

NOTE: T2X2 uses same digital and flash cables as QTB

QUANTUM TURBO BATTERY, CABLES AND ACCESSORIES

QTB Quantum Turbo Battery				Retail: 550	
Model	Description	Retail	Model	Description	Retail
325V lead cell rechargeable power pack w/115 VAC charger					
CD30	cable- see digital chart	149	CO5	cable for Olympus FL-50	57
CD1	cable for Nikon D1,1X,1H	85	CS4	cable for Sunpak-see chart	57
CD100	cable for Nikon-see digital chart	122	CS5	cable for Sunpak-see chart	57
CD3	cable for Kodak 720X, 760	99	CS6	cable for Sunpak 622	99
CD5	cable- see digital chart	99	CV	cable for Vivitar and Armatar- see chart	57
CH	cable for Honeywell- see chart	73	CZ	cable for Canon - see chart	57
CK	cable for Nikon SB11, SB24 SB25, SB26, SB28-US	73	QT52	replacement 100- 240 VAC charger for US, Europe, & Aust./ NZ	59
CKE	cable for Nikon-see chart	57	QT44	Japan charger 100 VAC	57
CL3	cable for Minolta 360PX	73	QT45	UK 230 VAC charger	57
CL4	cable for Minolta 4000AF	73	QT46	vehicle charger	129
CL5	cable for Minolta - see chart	73	QT47	faster charger 115 VAC	174
CM1	cable for Metz 45CT-1,-5	73	QT49	10' extension cord for Turbo cables	70
CM4	cable for Metz 45CL1,3,4 & 45CT3,4, Hasselblad 4504	73	QBC	mounting clamp	47
CM5	cable for Metz - see chart	73	ES1	for Viv 285HV;Metz 45CL1,3,4 & 45CT 3,4;Hasselblad 4504	9
CM54	cable for Metz - see chart	73	ES2	for Canon 430EZ, 540EZ, Nikon SB24, SB25	9
CM58	cable for Metz - see chart	73	QB60	Leather Shoulder Strap	33
CN3	cable for Vivitar 3900	57			
CO3	cable for Olympus T32, T45	57			

Qnexus

NX	Qnexus For Canon and Nikon camera systems unit includes: instructions, batteries not needed, velcro pads included.	Retail: 219
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QUANTUM QFLASH DIGITAL

QF8C	Qflash TRIO . Shoe mount Flash-Canon version. Requires Turbo for power. Built-in [FreeXwire Radio, QTTL Dedicated Camera Adapter & High Speed Sync features]	Retail: 1,180
QF8N	Qflash TRIO . Shoe mount Flash-Nikon version. Requires Turbo for power. Built-in [FreeXwire Radio, QTTL Dedicated Camera Adapter & High Speed Sync features]	1,180
QF9C	Qflash PILOT . Canon version. Turbo or Self (AA) powered. Shoe mounted Commander controls <i>TRIO</i> & other digital Qflash w/built-in FreeXwire Radio & QTTL adapter	589
QF9N	Qflash PILOT . Nikon version. Turbo or Self (AA) powered. Shoe mounted Commander controls <i>TRIO</i> & other digital Qflash w/built-in FreeXwire Radio & QTTL adapter	589
QFT5d-R*	Qflash, model T5d-R . Requires Turbo for power. *Same features as T5d plus additional capabilities below:	907
QFX5d-R*	Qflash, model X5d-R . Powered by QPAQ-X, Lumedyne or Norman 200 & 400 watt-second power packs. *Same features as X5d plus additional capabilities below: *Full wireless TTL-Ratio capable, plus Qnexus compatible for Canon & Nikon digital cameras. Qflash T4d, T5d & X4d, X5d can be upgraded for wireless TTL-Ratio dedication.	1037
Qflash T5d-R & X5d-R USES THE SAME ACCESSORIES AS QFLASH T2 AND X2 EXCEPT FOR ACCESSORY REFLECTORS; USE ONLY "B" CODED ACCESSORY REFLECTORS.		

FULLY DEDICATED QTTL ADAPTERS FOR T2D, T3d, T4d, T5d-R, X2D, X3d, X4d, X5d-R QFLASH

Model	Description	Retail
D10w	Olympus E-3, E-1, E-300, E-330, E-20, E-500	174
D12wR	Nikon N90s, F100, F5, D1, D1H, D1X, D100, D200, D2H, D70, D70s, D2X, D80; Fuji S2, S3; Kodak SLR/n	174
D22wR	Nikon D200, D2H, D70, D70s, D2X, D2Xs, D80, D3; Fuji S5 (adapter will not work with dTTL cameras) D300, D700, D90	174
D23wR	Canon EOS1, EOS3, D30, D60, 10D, 20D, 5D, 30D, 1D,1Ds, 1D/ 1Ds Mark II Rebel 300D/350D, 40D, 50D, 1D / 1Ds Mark III, 5D Mark II	174
D19Hw	Hasselblad H1, H1D, H3 Series	174
D24	Contax 645	174
D25	Mamiya 645AF, 645AFD	174

All QTTL Adapters listed will do both wired and wireless TTL
D12, D12i, D12w and D13N, D13w can be upgraded for wireless TTL-Ratio dedication.

QFLASH MODEL T/ T2/ T2D/ T4D/ T5d/ T5d-R ACCESSORIES & POWER CABLES

Model	Description	Retail	Model	Description	Retail
CQ8	Replacement Long Power Cable-TRIO	60	QF30uv	optional UV coated flashtube	82
CCQ8	Accessory Short Power Cable-TRIO/PILOT	59	QF36T	remote Qflash T/T2 head 8' cord	219
QF30	replacement flashtube	68	QT49	Turbo ext cord, 10ft. (3m)	70

QFLASH MODEL X/ X2/ X2D/ X4d/ T5d/ T5d-R ACCESSORIES & POWER CABLES

QF32	replacement flashtube	96	QF41	Adapts QFX to Norman 400B	99
QF32uv	optional UV coated flashtube	112	QF42	Adapts QFX to Lumedyne power packs.	99
QF33	replacement modeling lamp	23	QF43	Straight ext cord, 16ft. (5m)	99
QF36X	remote Qflash X/X2 head 8' cord	219			
QF40	Adapts QFX to Norman 200B/C	99			

ACCESSORIES FOR QFT, QFX & ALL DIGITAL QFLASH

QF60B	replacement reflector	45	QF66	color gel pack	39
QF80	UV/IR WAVE REFLECTOR	100	QF67A	wide angle diffuser	45
QF61B	"snoot " for pinpoint lighting	36	QF68	12x12 Qflash Softbox	93
QF62Bs	bare bulb enhancer- silver	47	QF69	8x8 Mini Folding Softbox with hot spot reducer	82
QF62Bg	bare bulb enhancer- gold	47	QF70E	quick release " L " bracket	143
QF63B	telephoto reflector-inc QF63s	109	QF70US	camera/flash flip bracket	209
QF63s	flashtube spacer for QF63	47	QF72	Qflash Multi Bracket	64
QF64	diffusing UV filter kit for Qflash	25	QF73	"L" Bar only from QF72	34
QF65	clear UV filter kit for Qflash	25			

CONTROL CABLES FOR QFT, QFX & ALL DIGITAL QFLASH

Model	Description	Retail
QF50	cable to slave two Qflashes together. 20ft. (6m)	50
QF51	extension cable, male to female, 20ft. (6m). To extend QF50, 52, 53 cables, TTL adapters, or QF21. Maximum length 100ft. (30m) using 5 QF51 cables.	50
QF52	"Y" connector module needed for third Qflash connected, & each one thereafter. required for a TTL adapter or remote sensor when used with two or more Qflashes.	71
536	sync cord, coiled 18" (.5m), PC to household male	40
537	sync cord, coiled 5ft. (1.5m), PC to household male	42

TTL ADAPTERS FOR QFT, QFX & DIGITAL QFLASH

QF15	Contax : RTS II, RTS III, MD137, MA137, 139, 159MM, 167MT, G1, G2	104
QF19	Hasselblad : 500ELX, 503CW/CX/CXI, 553ELX, 555ELD, 201F, 202FA, 203FE, 205TCC/FCC	246
QF20	Bronica : ETRsi, SQAi	276
QF22	Mamiya : 645 Pro TL	276
QF25	Mamiya : 645AF, 645AFD	276

QUANTUM QPAQ-X

		Retail:
PX	QPAQ-X Command Module. 200ws power pack for the Qflash X/X2, X2D/X4d. Two outputs, capacity gauge & normal or ultra fast recycling button. A PB1 or PB2 is needed to power a Command Module. QPAQ-X shoulder strap included. Charger not included.	880
PXC	200 watt-sec. Add-on Module	293
PB1	Hi-Performance battery	357

QPAQ-X ACCESSORIES

Model	Description	Retail	Model	Description	Retail
PAC	AC module- SEE ³	287	PR1UK	UK 230 VAC charger	62
PDC	dual battery adapter- SEE ³	284	PR1A	AUS/NZ 240 VAC Charger	62
PPM	pole mount for lightstand	64	PR2	QPAQ universal charger	160
PS	QPAQ shoulder strap	54	PR3A	240v fast chg- A/NZ PAC /PDC	70
PCL	Lumedyne adpt cbl-Qpaq-X	82	PR3E	230v fast chg- E/S PAC / PDC	70
PR1US	115 VAC charger	54	PR3UK	230v fast chg- UK PAC / PDC	70
PR1E	Euro/Scan. charger 230 VAC	62	PR3US	115V fast chgr-PAC/PDC ONLY	71
	³ requires PR charger		PR4	Universal AC Power Supply	498
			PRV	vehicle charger	126

FREEXWIRE

Model	Description	Retail
FW10w	FreeXWire Digital Transceiver Becomes Transmitter or Receiver. Includes sync cord, mounting kit, batteries and instruction manual	329
FW89	FreeXWire Digital Set set includes: FW9T Transmitter & FW8R Receiver, 434 sync cord, mounting kit, instruction manual & batteries.	499
FW8R	FreeXWire 8R Receiver unit includes: pole mount adapter, velcro, instruction manual, batteries.	250
FW9T	FreeXWire 9T Transmitter unit includes: 434 sync cord, velcro, batteries, instruction manual.	250
FW7Q	FreeXWire 7Q Qflash 5d-R/5d/4d Receiver unit includes: instructions, batteries not needed, velcro pad.	200
FW11	Uni-Mod universal connector module with hot shoe and female household connector use with standard household to PC sync cord	78
FW12	Hot Shoe Adapter Accessory unit includes: instructions	64
FW10 Digital Transceivers can be upgraded for wireless TTL dedication.		

FREEXWIRE WIRELESS TTL ADAPTERS

Model	Description	Retail
FW52	wireless TTL adapter for Nikon	127
FW53N	wireless TTL adapter for Canon	127
FW57	wireless TTL adapter for Pentax	127
FW59	wireless TTL adapter for Hasselblad	127
FW60	wireless TTL adapter for Bronica	127
FW64	wireless TTL adapter for Contax 645	127
FW65	wireless TTL adapter for Mamiya 645AF	127
See also QTTL Adapters for Qflash 2D/4d/5d and 5d-R		

FREEXWIRE CABLES - MISC

XDC2	external power connection from Bantam or QB1c to FreeXWire	42
MDC2	external power connection from QB1, 1+, or QB1c to FreeXWire	45
FW25	Camera mount for FreeXWire Transmitter FW9T	31
FW26	Multi Clip - enables FreeXWire to be clipped to your belt or accessory bracket	11
FW29	ac external adapter, US & Canada, 115 vac	40
FW33	Y connector for FreeXWire TX to connect a TTL adapter plus a local Qflash and FW31 cable	68

FREEXWIRE AND RADIO SLAVE SYNC CORDS

Model	Description	Compatibility					Retail
		405	505	505i	FW10w	FW89	
434	1.5ft. (.5m) replacement sync-in cord	yes	no	no	yes	yes	39
435	4ft. (1.2m) coiled sync_in cord	yes	no	no	yes	yes	39
470	special sync-in cord for Hasselblad "C" lens	yes	no	no	yes	yes	45
534	1.5ft. (.5m) coiled sync cord - PC male to household male (twin prong)	no	yes	yes	yes*	yes*	40
536	1.5ft. (.5m) coiled sync cord - PC male to household male (twin prong with center pin) - for 505S/Si s/n E888 & above	no	yes	yes	yes*	yes*	40
537	5ft. (1.5m) coiled sync cord - PC male to household male (twin prong with center pin) for 505S/Si s/n E888 & above	no	yes	yes	yes*	yes*	42
539	12 inch (.3m) straight replacement sync cord - PC male to household male (twin prong with center pin) - for 505S/Si s/n E888 & above	no	yes	yes	yes*	yes*	40
540	sync-out cord- Qflash sync household to household	no	yes	yes	yes ^W	yes ^W	40
541	sync-out cord- Qflash sync household to mini phono	yes	no	no	yes [@]	yes [@]	40
570	special sync cord for Hasselblad "C" lens	no	yes	yes	yes*	yes*	45
FW20	sync-in cord 18"(.5m), PC male to FreeXWire accessory connector	no	no	no	yes	yes	45
FW21	hot shoe sync 18" (.5m), hot shoe to FreeXWire accessory connector	no	no	no	yes	yes	57
FW22	hot shoe sync 18" (.5m), hot shoe to FreeXWire sync-in	no	no	no	yes	yes	71
FW31	ext cable 18" (.5m), FreeXWire accy connector to Qflash or Uni-mod accy connector	no	no	no	yes	yes	45

* Requires optional FW11 Uni-Mod
 @ For sync-out requires optional FW11 Uni-Mod

FREEXWIRE AND RADIO SLAVE SHUTTER RELEASE (MOTOR DRIVE) CORDS

Model	Description	Compatibility					Retail
		405	505	505i	FW10w	FW89	
451	Nikon MD2/4/12/15, 8008, 8008s, F4S, [N90, N90S, F5, D200, D300 (needs Nikon adapter MC25)]	yes	yes	yes	yes	yes	78
452	Hasselblad ELM, ELX	yes	yes	yes	yes	yes	78
453	Canon, Olympus, Hasselblad H-1	yes	yes	yes	yes	yes	78
454	Mamiya RZ67, RZ67 II, 645 Super, 645 Pro	yes	yes	yes	yes	yes	133
456	Leica R3, R5, R6, R6-2, R7, RE	yes	yes	yes	yes	yes	133
458	Minolta 5000, 7000, 9000, 5000i, 7000i, 8000i, 5Xi, 7Xi, 9Xi, 700si, Maxxum - 7,9	yes	yes	yes	yes	yes	133
459	Canon EOS A5, A2E, A2, 1, 1N, 620, T90	yes	yes	yes	yes	yes	133
463	Bronica SQAI	yes	yes	yes	yes	yes	78
464	Rollei 6008, 6006, 6003, 6002, SLX	yes	yes	yes	yes	yes	78
465	Hasselblad 503CW /CXI Shutter Release (MD) Cord	yes	yes	yes	yes	yes	59
466	Canon EOS-3, 1V, D30, D60, 10D, 1D, 1Ds, 1D/1Ds Mark II 1D/1Ds Mark III, 50D, 40D, 5D Mark II; Olympus E-3	yes	yes	yes	yes	yes	133
467	Mamiya 645AF	yes	yes	yes	yes	yes	99

FREEXWIRE AND RADIO SLAVE SHUTTER RELEASE (MOTOR DRIVE) CORDS

Model	Description	Compatibility					Retail
		405	505	505i	FW10w	FW89	
FW41	two step MD cord for Contax 645, Canon Elan 2, 2E, 7, 7E, Rebel 2000, XI Lite, Rebel 300D, 350D; Hasselblad H-1	no	no	no	yes	yes	50
FW42	two step MD cord for Maxxum 7, 9	no	no	no	yes	yes	133
FW43	two step MD cord for Canon 1v, 3, D2000, D30, D60, 10D, 40D, 30D, 20D, 5D, 1D/1Ds, 1D/1Ds Mark II, 1D/1Ds Mark III	no	no	no	yes	yes	133
FW44	two step MD cord for Nikon D1, D1H, D1X, D2H, D2X, F5, N90/s, F90x, F100, D100(with MB-D100), D200, D3, D300	no	no	no	yes	yes	133
FW45	two step MD cord for Mamiya 645AF	no	no	no	yes	yes	133
FW46	two step MD cord for Canon EOS 1, A2, A2E, AS, 1N, 620, T90	no	no	no	yes	yes	133
FW47	two step MD cord for Pentax 645N & All Autofocus SLR Cameras except Z-1p	no	no	no	yes	yes	133

MISCELLANEOUS ACCESSORIES FOR FREEXWIRE AND RADIO SLAVE

Model	Description	Compatibility					Retail
		405	505	505i	FW10w	FW89	
415	AC adapter / charger for 505R or 405R, 115 VAC	yes	yes	no	no		43
438	replacement belt clip for 405T transmitter	yes	no	no	no		11
512	replacement dead shoe mounting kit for mounting 505Si to bracket or tripod	no	no	yes	no		9
513	Adjustable Pole Mount Adapter for Radio Slave 2, 4, 4i, FW	yes	yes	yes	yes		26
515	AC adapter (US) for 505Ri	no	no	yes	no		43
516	AC adapter (220 VAC) for 505Ri	no	no	yes	no		43
538	replacement belt clip for 505Si sender	no	no	yes	no		6

RADIO SLAVE 4i

Model	Description	Retail
505SRi	Radio Slave 4i Set set includes : 505Si Sender & 505Ri Remote, belt clip, sync cord, mounting kit, instruction manual, less batteries (specify frequency only to match existing set).	477
505Ri	Radio Slave 4i Remote unit includes : shoe / tripod mount adapter, pole mount adapter, velcro, instruction manual, less batteries. SPECIFY FREQUENCY A, B, C, or D	318
505Si	Radio Slave 4i Sender unit includes : sync cord, belt clip, dead shoe with screw (for bracket mounting), velcro, mounting plate. SPECIFY FREQUENCY A, B, C, or D	239

PHOTOMETERS

Model	Description	Retail
PME	PHOTO-METER E digital foot-candle meter	335
PML	PHOTO-METER L digital lux meter	335
PMEX	PHOTO-METER EX digital foot-candle / foot-lambert meter	653
PMLX	PHOTO-METER LX digital lux meter / Candela/M ² (NITS) meter	653

ACCESSORIES FOR PHOTO-METERS

Model	Description	Retail
PM10	rigid fiber optic probe - must be calibrated with meter	130
PM11	illuminance receptor, rotating - must be calibrated with meter	130
PM12	flexible fiber optic probe - must be calibrated with meter	467
PM13	luminance receptor for models PME, PML (must be calibrated to meter)	42

CUSTOM MODULES FOR BANTAM

Part #	Flash	Model & Instructions	Retail
MSPL 1	Olympus	L-30	56
MSPL 2	Pentax	AF 330FTZ	56
MSPL 3	Pentax	AF 400FTZ	56
MSPL 25	Vivitar	850AFC	56

CUSTOM MODULES FOR QB1 / 1+ / 1c

MSPL 5	Olympus	L-30	90
MSPL 6	Pentax	AF 400FTZ	90
MSPL 7	Phillips	536 TCL (custom MD)	99
MSPL 24	Vivitar	850AFC	99

CUSTOM MODULES FOR QB2

MSPL 11	Canon	533G Speedlite (need battery holder & cap)	81
MSPL 17	Replaced with module MN2 (see chart)		
MSPL 18	Replaced with module MN2 (see chart)		
MSPL 20	Vivitar	3900 Auto Thyristor	99

CUSTOM MODULES FOR TURBO

MSPL 23	Contax	540 (need Contax cable, flash, & Turbo)	55
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REPAIRS WITH PRICING

Description of Repair	Retail	Description of Repair	Retail
Replace Bantam Battery Pack	53	Repair Turbo / Turbo Z Circuit Board	81
Repair Bantam Circuit Board	47	Repair Turbo Cable	33
Repair Bantam Module	24	Replace Turbo 2x2, SC, C Battery	96
		Repair Turbo 2x2, SC, C Circuit Board	81
Replace QB1 / QB1+ Battery Pack	70		
Replace QB2 Battery Pack	86		
Replace QB Case	47	Upgrade QFT2 / X2 to QFT3D / X3D	164
Repair QB Circuit Board	59		
Repair QB Module	30	Change Frequency of RS4 / 4i	81
		Repair RS4 / 4i Circuit Board	81
Repair Meter Circuit	97	Replace RS4 / 4i Antenna	30
Replace Turbo / Turbo Z Battery	86		
Replace Turbo / Turbo Z Case	59	Repair FreeXwire Circuit Board	81
		Repair FreeXwire Antenna	40
		Photometer Calibration to N.I.S.T.	77

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