

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 and Turbo Blade 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.

⁶ Locking feature only with Turbo 3

FLASH MODEL	QB1 Compact		QB2	Turbo Compact		FLASH MODEL	QB1 Compact		QB2	Turbo Compact		FLASH MODEL	QB1 Compact		QB2	Turbo Compact	
	BANTAM	QB1+		Turbo Blade **	TURBO, T3 2x2 QTZ SC		BANTAM	QB1+		Turbo Blade **	TURBO, T3 2x2 QTZ SC		BANTAM	QB1+		Turbo Blade **	TURBO, T3 2x2 QTZ SC
ACHIEVER - 1850STW	XA2	MA2				MINOLTA - 280PX ²	XA2 ²					PROMASTER/ PROMATIC					
300AF ² , 630AF ²	XG2 ²					320X,80PX	XA2	MA2				FTD4000, FTD4500AF	XF2	MF2			
DZ260,360LCD,TZ250	XG2	MG2				360PX	XA2	MA2			CL3	FTD5200 ² ,FTD5600 ²	XF2 ²				
632LCD,320T	XG2	MG2				2800AF	XE	ME				FTD 5700, 5750DX, 5950	XB5	MB5			
CANON MR-14EX, 24EX	XA2	MA2		CCZ	CZ2 ⁶	1200AF MACRO	XE	ME				FTD 6500M,7000M,5550DX	XB5	MB5			
430EX, 430EX II		MB2				4000AF	XB2	MB2			CL4	7500DX	XB5	MB5			
299T	XB2	MB2				3200i	Xi	Mi				QUANTUM -Qflash TRIO				CCQ8	CO8/CO2 ⁶
300TL, ML-3	XG2	MG2				3500Xi	Xi5	Mi5				Qflash T5d-R	power cable attached				
300EZ	XF2	MF2				5400HS,5400Xi,5200i	Xi5	Mi5				SIGMA - EF430	XG2	MG2			
380EX, 420EX	XF3	MF3				3600HS(D)	XKZ3	MKZ3				EF500ST, EF500 SUPER	XVI	MVI			
420EZ	XZ2	MZ2				5600HS(D)	XKZ3	MKZ3				EF-530DG Super	xvi	mvi			
430EZ	XZ2	MZ2		CCZ	CZ2 ⁶	NIKON - SB900	XKZ9	MKZ9		CCKE	CKE2 ⁶	SONY-HVL F58AM				CL5	CL5
480G ¹				CCZ	CZ2 ⁶	SB800 ⁵	XKZ3	MKZ3		CCKE	CKE2 ⁶	SUNPAK - 411S,383	XG2	MG2		CCS4	CS4
540EZ, 550EX	XKZ3	MKZ3		CCZ	CZ2 ⁶	SB23,SB12,SB16	XG2	MG2				422D,433D/AF,444D	XG2	MG2		CCS4	CS4
580EX	XB5	MB5		CCZ	CZ2 ⁶	SB15,SB17	XF2	MF2				30SR,30DX,36FD,36DX	XG2	MG2		CCS4	CS4
580EX II	XB2	MB2		CCZ	CZ2 ⁶	SB20,SB22	XE	ME				331,333,333D,344D,355AF	XG2	MG2			
COBRA - 30TD,D500	XA2	MA2				SB24,SB25	XKZ3	MKZ3		CCK	CK	26DX/FD/SR, 260, 266D	XG2	MG2			
300AF ² ,700AF ²	XG2 ²					SB21 ²	XF2 ²					AUTO DX 8R	XA2	MA2		CCS4	CS4
D650,D632	XG2	MG2				SB26, SB27,SB28-NON EURO	XKZ3	MKZ3		CCK	CK	AUTODX 12R	XG2	MG2		CCS4	CS4
CONTAX - TLA30 ²	XA2 ²					SB28-EURO,28D,28DX,80DX	XKZ3	MKZ3		CCKE	CKE2 ⁶	522,544,555,4205G			MS	CCS5	CS5
TLA360	XKZ3	MKZ3		CCKE	CKE2 ⁶	SB-29	XKZ3	MKZ3				455,AUTOZOOM 3600			MS	CCS5	CS5
TLA280	XA2	MA2				SB600	XK6	XK6 BQB				PZ5000AF	XKZ3	MKZ3		CCS4	CS4
HASSELBLAD - 4504			MM	CCM4	CM4	NISSIN - 340T	XG2	MG2				622, 622 PRO		MH			CS6
D-Flash 40				CCS4	CS4	360WX,360TW	XG2	MG2				120J AUTO PRO /TTL		MA2		CCS4	CS4
LUMA - 160 Pro	XB5	MB5				4000GW, 4800GT, 5000GT			MN			MZ440AF-CA ⁴ , MX ⁴	XG2	MG2			
METZ -25CT3	XA2	MA2				4200, 450OGTE, 6000AF/GT			MN2			VIVITAR - 285	XA2	MA2			
28CT3,38CT3	XA2	MA2				NEW STYLE 5000GT(HLDR)			MN2			283,285HV	XA2	MA2		CCV	
32CT SERIES,EXCEPT CT7	XE	ME				Di866 Canon				CCZ	CZ2 ⁶	3700,4600, 600 SERIES 1	XA2	MA2		CCV	
58AF-1N, 1C, 1OP, 1PS	XKZ3	MKZ3		CM58	CM58	Di866 Nikon				CCKE	CKE2 ⁶	4900 VT			MN2		
36CT SERIES	XE	ME				OLYMPUS - FL-50	XKZ3	MKZ3			CO5	5200,5600	XG2	MG2		CCV	
40MZ1i, 40MZ2, 40MZ3	XE4	ME4				FL-40	XA2	MA2									
45CT-1,45CT-5			MM			T32	XE	ME			CO3	628AFM,636AF	XF2	MF2			
45CL 1,3,4;45CT 3,4			MM	CCM4	CM4	T45					CO3	5250,728ZOOM,836AF	XG2	MG2			
54MZ-3, 54MZ-4, 54MZ-4i	XKZ3	MKZ3		CM54	CM54	PENTAX - AF200T, AF280T	XA2	MA2				730 AFC	XB5	MB5			
45CL4D, 50MZ-5 ³				CM5	CM5	AF400T			MP			736 AFM, 840 AFC	XVI	MVI			
70MZ-4/5 ³ , 76MZ-5				CM5	CM5												

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 ⁶ CKE2, CZ2, CQ2 work with all Turbos -Locking feature only w/ Turbo 3

Quantum Power for Digital Cameras and their Flashes**

Jan. 2012

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	Turbo Blade	³ Turbo Battery	Turbo 2x2 Battery	Turbo 3 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	CCZ	⁴ CD30 / CZ	⁵ CD30 / CZ CZ2	⁵ CD30 / CZ CZ2
EOS 1D, 1Ds, 1D/Ds Mark II,	Canon 550EX, 580EX, 580EX11				YDC6 / CCZ	CCZ		SD6 / CZ/CZ2	
Canon - 5D Mark II, 60D, 7D	Canon 550EX, 580EX, 580EX11				CCZ	CCZ	CZ/CZ2	SD7/CZ/CZ2	SD7/CZ/CZ2
FUJI - FinePix S1 Pro, S2 Pro, S3 Pro, S20 Pro, S7000	Nikon SB80DX SB800 ⁶ , SB900	XDC4	MDC4		XDC4 / CCKE	CCKE		SD4 / CKE/CKE2	SD4 / CKE/CKE2
KODAK DCS 520, 620, 620x	Qflash T2/D/4D/5d/5dR			MDC3	YDC3		CD3	CD3	CD3
DCS 720X, 760	Nikon SB80DX SB800 ⁶ , SB900				YDC3 / CCKE		CD3 / CKE2/CKE	CD3 / CKE2/CKE	CD3 / CKE2/CKE
DCS PRO BACK	Qflash T2/D/4D/5d/5dR			MDC3	YDC3		CD3	CD3	CD3
DCS PRO BACK 645M, 645C	Qflash T2/D/4D/5d/5dR			MDC5	YDC5		CD5	CD5	CD5
DCS Pro 14n, SLR/n	Nikon SB80DX SB800 ⁶ , SB900				YDC8 / CCKE	CCKE		SD8 / CKE2/CKE	SD8 / CKE2/CKE
MINOLTA -Dimage RD 3000, 5, 7, 7i, S404, A1, A2		XDC4	MDC4		XDC4			SD4	SD4
NIKON - D2H, D2X, D2Hs, D200, D3, D3s, D2Xs; Fuji S5 Pro	Nikon SB80DX SB800 ⁶ , SB900				YDC10 / CCKE	CCKE		SD10 / CKE2/CKE	SD10 / CKE2/CKE
D1,D1X, D1H	Nikon SB80DX SB800 ⁶ , SB900				YDC1 / CCKE	CCKE	CD1 / CKE	CD1 / CKE2/CKE	CD1 / CKE2/CKE
D100, D70, D70s, D80, D90, D300, D300s, D700	Nikon SB80DX SB800 ⁶ , SB900				YDC100 / CCKE	CCKE	CD100 / CKE	CD100 / CKE2/CKE	CD100 / CKE2/CKE
OLYMPUS E10, E20 digital cameras	Qflash T2/D/4D/5d/5dR	XDC2	MDC2		XDC2			SD2	SD2
Sigma SD-9, SD-10	Qflash T2/D/4D/5d/5dR	XDC4	MDC4		XDC4			SD4	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.
- ** Go to www.qtm.com to see complete chart

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

Jan. 2012

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																
20D,30D,40D, 50D, 60D, 5D		QF5d		eTTL																	
EOS1D, 1Ds, 1D/Ds M2	D23wR	QF2d / QF4d		eTTL2	2																
E0S 1D/Ds M3, 7D, 5D M2																					
1D M VI, 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/s, D300/s, 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

Jan. 2012

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

Model	Description	Est. Street Price	Model	Description	Est. Street Price
XA2	locking module	48	XCX	power cord for Contax 645	36
XB2	locking module	48	XK6	module type K6	48
XB5	module type B5	48	XKZ3	locking module	58
XDC2	power cord for digital cameras	36	XKZ9	module type Z9	58
XDC4	power cord for digital cameras	36	XVI	module type VI	58
XE	module type E	48	XZ2	locking module	58
XE3	module for Metz 32Z series	60	QBO	offset multi bracket	25
XE4	module for Metz 40MZ2	60	QB24	UK 230 VAC charger	54
XF2	locking module	48	QB26	replacement 115 VAC charger	41
XF3	module type F3	48	QB32	Aus/NZ charger 240 VAC	43
XG2	locking module	48	QB35	vehicle charger	109
XI5	module type i5	48	QB38	Euro/Scan. charger 230 VAC	49
			QBC	mounting clamp	40

Notes: See QB1+ Modules & Accessories for QB1c Compatibility
 Bantam Chargers & QB1+ Fast Charger are not compatible with the QB1c

Bantam Battery Accessories

Model	Description	Est. Street Price	Model	Description	Est. Street Price
BEX	2-6 ft coiled extension for Bantam Modules	38	BR1	replacement 115 VAC charger	38
BQA	adapts QB1 / QB1+ modules to Bantam	38	BR3	Aus/NZ charger 240 VAC	41
BQB	adapts Bantam modules to QB1 / QB1+	48	BR4	Euro/Scan. charger 230 VAC	49
			BR5	UK 230 VAC charger	49
			BCLIP	replacement case clip	2
			BCLSK	screw knob assy. for BCLIP	4

Notes: See QB1 Compact Modules for Bantam Compatibility

Quantum Battery 1 + , Modules and Accessories

Model	Description	Est. Street Price	Model	Description	Est. Street Price
QB1+	Quantum Battery 1+ 6V lead cell rechargeable power pack w/115 VAC charger				Est. Street Price 244
MA2	locking module	58	MI5	module type i5	61
MB2	locking module	58	MKZ3	locking module	61
MB5	module type B5	61	MKZ9	module type Z9	61
MC	module type C	98	ML	module type L	64
MCX	power cable for Contax 645	36	MVI	module type VI	73
MDC2	power cable for Digital Cams	40	MZ2	locking module	64
MDC4	power cable for Digital Cams	40	QB24	UK 230 VAC charger	54
ME	module type E	61	QB26	replacement 115 VAC charger	41
ME3	module for Metz 32Z series	61	QB32	Aus/NZ charger 240 VAC	43
ME4	module for Metz 40MZ2	61	QB34	fast charger 115 VAC	148
MF2	locking module	61	QB35	vehicle charger	109
MF3	module type F3	61	QB38	Euro/Scan. charger 230 VAC	49
MG2	locking module	61	QBC	mounting clamp	40
MH	module type H	64	QB60	Leather Shoulder Strap	28

QUANTUM BATTERY 2 MODULES AND ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
MDC3	power cable for Digital Cams	40	QB27	replacement 115 VAC charger (QB2 s/n 211833-215329)	43
MDC5	power cable for Kodak Digital	40	QB28	replacement 115 VAC charger (all other QB2 s/n)	43
MM	module for Metz 45CT/45CL	73	QB29	UK 230 VAC charger	50
MN	module for Nissin-see chart	85	QB33	Aus/NZ charger 240 VAC	44
MN2	module for Nissin-see chart	85	QB36	vehicle charger	106
MP	module for Pentax AF400T	85	QB37	fast charger 115 VAC	150
MS	module for Sunpak-see chart	63	QB39	Euro/Scan. charger 230 VAC	50
MY	power cable for Mamiya	49	QBC	mounting clamp	40
	RZ67 Pro 11 & 645 Pro cameras		QB60	Leather Shoulder Strap	28
QB23	10' extension for QB2 modules	53			

QUANTUM BATTERY 5+ MODULES AND ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
HB30	replacement 115 VAC charger	43	RA-0	power cord without module attached	36
HB32	Euro charger 230 VAC	44	PS	shoulder strap	46
QB60	Leather Shoulder Strap	28	QBC	mounting clamp	40

QUANTUM BATTERY 5 (ONLY) CHARGERS

QB50	replacement 115 VAC charger	43	QB52	Japan charger only	50
QB51	Euro charger 230 VAC	50	QB53	UK Charger 230 VAC	50

TURBO SLIM COMPACT BATTERY, ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
TSC Turbo Slim Compact Battery 325V NiMH rechargeable power pack with 100-240 VAC charger					Est. Street Price 506
QB60	Leather Shoulder Strap	28	TCRU	replacement charger 100-240v for (TCUS, TSCUS, E, UK & Aust.)	55
QBC	mounting clamp	40	TCV	vehicle charger	95
ES1	for Viv 285HV; Metz 45CL1,3,4 & 45CT 3,4; Hasselblad 4504	8	QT49	10' extension cord for Turbo cables	59
ES2	for Canon 430EZ, 540EZ, Nikon SB24, SB25	8			
Notes: Turbo SC uses same flash cables as Turbo 3 and Turbo Blade - "CC" short flash cables and "C" long flash cables					

NEW! QUANTUM TURBO BLADE, CABLES AND ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
TBL Quantum Turbo BLADE 325V NiMH rechargeable power pack w/100 - 240 VAC charger					Est. Street Price 506
CH	cable for Honeywell- see chart	61	CQ8	cable for Qflash TRIO	51
CCK	short cable Nikon-see CK cable	45	CQ2*	Locking cable for Qflash TRIO	51
CK	cable for Nikon SB11, SB24 SB25, SB26, SB28-US	61	CCS4	short cable Sunpak-see chart	55
CCKE	short cable Nikon-see chart	48	CS4	cable for Sunpak-see chart	49
CKE2*	Locking cable for Nikon-see chart	49	CCS5	short cable Sunpak-see chart	55
CL3	cable for Minolta 360PX	61	CS5	cable for Sunpak-see chart	49
CL4	cable for Minolta 4000AF	61	CS6	cable for Sunpak 622	84
			CCV	short cable Vivitar-see flash chart	55
			CCZ	short cable Canon-see flash chart	48
CCM4	short cable Metz-see CM4 cable	55	CZ2*	Locking cable for Canon-see chart	49
CM4	cable for Metz 45CL1,3,4 & 45CT3,4, Hasselblad 4504	61	TCV	vehicle charger	95
CM5	cable for Metz - see chart	61	TCRU	replacement 100-240v charger for US, Europe & Aust. / NZ	55
CM54	cable for Metz - see chart	61	QMC	Multi clip	9
CM58	cable for Metz - see chart	61	ES1	for Viv 285HV; Metz 45CL1,3,4 & 45CT 3,4; Hasselblad 4504	8
CO3	cable for Olympus T32, T45	49	ES1	for Canon 430EZ, 540EZ, Nikon SB24, SB25	8
CO5	cable for Olympus FL-50	49	QB60	Leather Shoulder Strap	28
CCQ8	Accessory Short Power Cable for TRIO/ PILOT	50			

* Locking feature for Turbo 3 only

NEW! QUANTUM TURBO 3, CABLES AND ACCESSORIES

T3 Quantum Turbo 3		Est. Street Price 679	
325V NIMh rechargeable power pack w/100 - 240 VAC charger			
Model	Description	Est. Street Price	Est. Street Price
CD30	cable- see digital chart	126	CM5 cable for Metz - see chart
CD1	cable for Nikon D1,1X,1H	73	CM54 cable for Metz - see chart
CD100	cable for Nikon-see digital chart	104	CM58 cable for Metz - see chart
CD3	cable for Kodak 720X, 760	84	
CD5	cable- see digital chart	84	CO3 cable for Olympus T32, T45
SD2	cable- see digital chart	56	CO5 cable for Olympus FL-50
SD4	cable- see digital chart	56	CO8 cable for Oflash TRIO
SD7	cable- see digital chart	160	CQ2* Locking cable for Oflash <i>TRIO</i>
SD8	cable- see digital chart	56	CS4 cable for Sunpak-see chart
SD10	cable- see digital chart	56	CS5 cable for Sunpak-see chart
SD12	cable-Sinar backs+all 12v items	56	CS6 cable for Sunpak 622
SD14	cable-12v female vehicle adapter	56	
	cell phones, PDA's		
SD16	cable for Minolta 4000AF	56	CZ2* Locking cable for Canon-see chart
CK	cable for Nikon SB11, SB24	61	TRU replacement 100-240v charger
	SB25, SB26, SB28-US		for US, Europe & Aust. / NZ
CKE2*	Locking cable for Nikon-see chart	49	TRV vehicle charger
CL3	cable for Minolta 360PX	61	QBC mounting clamp
CL4	cable for Minolta 4000AF	61	ES1 for Viv 285HV;Metz 45CL1,3,4
			& 45CT 3,4;Hasselblad 4504
CM4	cable for Metz 45CL1,3,4 & 45CT3,4, Hasselblad 4504	61	ES2 for Canon 430EZ, 540EZ, Nikon SB24, SB25
			QB60 Leather Shoulder Strap
			28

* Locking feature for Turbo 3 only

TURBO AC

TAC Turbo AC	Est. Street Price 289
Supplies low & high voltage from AC mains power 100-240VAC includes TAC mounting clamp & AC mains US/Can. power cord	
Notes: Turbo AC uses same digital camera power cables as Turbo Compact	
Notes: Turbo AC uses same flash cables as Turbo 3 and Blade	

TURBO Compact CABLES AND ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
YDC30	cable for Canon D30,D60,10D	84	CCS4	short cable Sunpak-see chart	55
YDC1	cable for Nikon D1, D1X, D1H	55	CCS5	short cable Sunpak-see chart	55
YDC100	cable for Nikon-see flash chart	55	CCV	short cable Vivitar-see flash chart	55
YDC3	cable for Kodak 720X, 760	41	CCZ	short cable Canon-see flash chart	48
YDC5	cable- see digital chart	41	TCRU	replacement charger 100-240v for(TCUS,TSCUS, E, UK & Aust.)	55
YDC6	cable for Canon 1D,1Ds,Mark II	98	TCV	vehicle charger	95
YDC8	cable for Kodak Pro 14n	41	QT49	10' extension cord for Turbo cables	59
YDC10	cable for Nikon D2H, D2X	98	QMC	Multi clip	9
XDC2	cable- see digital camera chart	36	ES1	for Viv 285HV;Metz 45CL1,3,4 & 45CT 3,4;Hasselblad 4504	8
XDC4	cable- see digital camera chart	36	ES2	for Canon 430EZ, 540EZ, 550EX Nikon SB24, SB25	8
CCK	short cable Nikon-see CK cable	45			
CCKE	short cable Nikon-see chart	48			
CCM4	short cable Metz-see CM4 cable	55			
CCQ8	short cable Qflash TRIO/PILOT	50			

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

QUANTUM TURBO Z BATTERY ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
OZRUS	replacement 115 VAC chgr	40	OZRJ	Japan charger only	53
OZRA	Aus/NZ charger 240 VAC	53	OZRUK	UK 230 VAC charger	53
OZRE	Euro/Scan. charger 230 VAC	53			
QB60	Leather Shoulder Strap	28			

NOTE: QTZ uses same cables as QTB

QUANTUM TURBO 2X2 BATTERY CABLES AND ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
SD2	cable- see digital chart	56	SD14	cable- 12v female vehicle adapt cell phones, PDA's	56
SD4	cable- see digital chart	56	SD16	cable- Leaf Valeo & Aptus backs	56
SD6	cable- see digital chart	56	TRV	vehicle charger	95
SD7	cable- see digital chart	160	TRU	replacement 100-240v charger for (T2x2US, E, UK & Aust.)	55
SD8	cable- see digital chart	56	QB60	Leather Shoulder Strap	28
SD10	cable- see digital chart	56			
SD12	cable- Sinar backs + all 12v items	56			

NOTE: T2X2 uses same digital and flash cables as QTB

QUANTUM TURBO BATTERY CABLES AND ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
CD30	cable- see digital chart	126	CO5	cable for Olympus FL-50	49
CD1	cable for Nikon D1,1X,1H	73	CS4	cable for Sunpak-see chart	49
CD100	cable for Nikon-see digital chart	104	CS5	cable for Sunpak-see chart	49
CD3	cable for Kodak 720X, 760	84	CS6	cable for Sunpak 622	84
CD5	cable- see digital chart	84	CZ2	cable for Canon-see chart	49
CH	cable for Honeywell- see chart	61	QT52	replacement 100-240v US charger	50
CK	cable for Nikon SB11, SB24 SB25, SB26, SB28-US	61	QT53	European 100-240v chaarger	50
CKE2	cable for Nikon-see chart	49	QT54	Aust/NZ 100-240v charger	50
CL3	cable for Minolta 360PX	61	QT44	Japan charger 100 VAC	50
CL4	cable for Minolta 4000AF	61	QT55	UK 100-240v charger	50
			QT46	vehicle charger	109
			QT47	faster charger 115 VAC	148
			QT49	10' extension cord for Turbo cables	59
CM4	cable for Metz 45CL1,3,4 & 45CT3,4, Hasselblad 4504	61	QBC	mounting clamp	40
CM5	cable for Metz - see chart	61	ES1	for Viv 285HV;Metz 45CL1,3,4 & 45CT 3,4;Hasselblad 4504	8
CM54	cable for Metz - see chart	61	ES2	for Canon 430EZ, 540EZ, Nikon SB24, SB25	8
CM58	cable for Metz - see chart	61	QB60	Leather Shoulder Strap	28
CO3	cable for Olympus T32, T45	49			

OMICRON

		Est. Street Price
QF26	Omicron. Ring Light for flash and Video. Unit includes QF27 video power cable for Turbo 3/TBL, QF28 flash control cable, QF29 Omicron bracket, rubber pad w/spacers, instructions.	865
QF27	Replacement video power cable for Turbo 3/TBL	74
QF28	Replacement flash control cable for TTL from TRIO or Qflash T5dR	74
QF29	Omicron mounting bracket	135

Qnexus

NX	Qnexus For Canon and Nikon camera systems unit includes: instructions, batteries not needed, velcro pads included.	Est. Street Price	185
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QUANTUM QFLASH DIGITAL

		Est. Street Price
QF8CB	Qflash TRIO Basic . Shoe mount Flash-Canon version. Requires Turbo for power. QTTL Dedicated Camera Adapter & High Speed Sync features ** * TRIO BASIC can be upgraded to full version TRIO . Send back to Quantum, use upgrade code UQF8CB .	701 250
QF8NB	Qflash TRIO Basic . Shoe mount Flash-Nikon version. Requires Turbo for power. QTTL Dedicated Camera Adapter & High Speed Sync features ** * TRIO BASIC can be upgraded to full version TRIO . Send back to Quantum, use upgrade code UQF8NB .	701 250
QF8C	Qflash TRIO . Shoe mount Flash-Canon version. Requires Turbo for power. Built-in [FreeXwire Radio, QTTL Dedicated Camera Adapter & High Speed Sync features]	951
QF8N	Qflash TRIO . Shoe mount Flash-Nikon version. Requires Turbo for power. Built-in [FreeXwire Radio, QTTL Dedicated Camera Adapter & High Speed Sync features]	951
QF9C	Qflash PILOT . Canon version. Turbo or Self (AA) powered. Shoe mounted Commander controls TRIO & other digital Qflash w/built-in FreeXwire Radio & QTTL adapter	475
QF9N	Qflash PILOT . Nikon version. Turbo or Self (AA) powered. Shoe mounted Commander controls TRIO & other digital Qflash w/built-in FreeXwire Radio & QTTL adapter	475
QFT5d-R	Qflash, model T5d-R . Requires Turbo for power. *Same features as T5d plus additional capabilities below:	768
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.	878

Qflash TRIO, 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 2D, 3d-R, 4d, 5d, 5d-R, QFLASH MODELS

Model	Description	Est. Street Price
D10w	Olympus E-3, E-1, E-300, E-330, E-20, E-500	148
D12wR	Nikon N90s, F100, F5, D1, D1H, D1X, D100, D200, D2H, D70, D70s, D2X, D80; Fuji S2, S3; Kodak SLR/n	148
D22wR	Nikon D200, D2H, D70, D70s, D2X, D2Xs, D80, D3; Fuji S5 (adapter will not work with dTTL cameras) D300, D700, D90	148
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	148
D19Hw	Hasselblad H1, H1D, H3 Series	148
D24	Contax 645	148
D25	Mamiya 645AF, 645AFD	148

**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 TRIO/T/ T2/ T2D /T4D/ T5d/ T5d-R ACCESSORIES & POWER CABLES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
CQ2*	Locking cable for Qflash TRIO	51	QF30uv	optional UV coated flashtube	70
CQ8	Replacement Long Power Cable-TRIO	51	QF36T	remote Qflash T/T2 head 8' cord	185
CCQ8	Accessory Short Power Cable-TRIO/PILOT	50	QT49	Turbo ext cord, 10ft. (3m)	59
QF30	replacement flashtube	58			

**All Items - available for QQS+ Program
unshaded items pay extra shipping fees**

QFLASH MODEL X/ X2/ X2D/ X4d/ X5d-R ACCESSORIES & POWER CABLES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
QF32	replacement flashtube	81	QF41	Adapts QFX to Norman 400B	84
QF32uv	optional UV coated flashtube	95	QF42	Adapts QFX to Lumedyne power packs.	84
QF33	replacement modeling lamp	20	QF43	Straight ext cord, 16ft. (5m)	84
QF36X	remote Qflash X/X2 head 8' cord	185			
QF40	Adapts QFX to Norman 200B/C	84			

ACCESSORIES FOR TRIO, QFT, QFX & ALL DIGITAL QFLASH

QF60B	replacement reflector	38	QF67A	wide angle diffuser	38
QF80	UV/IR WAVE REFLECTOR	85	QF68	12x12 Qflash Softbox	79
QF61B	"snoot " for pinpoint lighting	30	QF69	8x8 Mini Folding Softbox with hot spot reducer	70
QF62Bs	bare bulb enhancer- silver	40	QF70E	quick release " L " bracket	155
QF62Bg	bare bulb enhancer- gold	40	QF70US	camera/flash flip bracket	178
QF63B	telephoto reflector-inc QF63s	93	QF72	Qflash Multi Bracket	54
QF63s	flashtube spacer for QF63	40	QF73	"L" Bar only from QF72	29
QF64	diffusing UV filter kit for Qflash	21	QF75	26" Octagon Softbox	299
QF65	clear UV filter kit for Qflash	21	QF76	10 x 24 Strip Softbox	249
QF66	color gel pack	33			

CONTROL CABLES FOR QFT, QFX & ALL DIGITAL QFLASH

Model	Description	Est. Street Price
QF50	QF50 cable to slave two Qflashes together. 20ft. (6m)	43
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.	43
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.	60
536	sync cord, coiled 18" (.5m), PC to household male	34

TTL ADAPTERS FOR QFT, QFX & DIGITAL QFLASH WITH FILM CAMERAS

QF15	Contax : RTS II, RTS III, MD137, MA137, 139, 159MM, 167MT, G1, G2	88
QF19	Hasselblad : 500ELX, 503CW/CX/CX1, 553ELX, 555ELD, 201F, 202FA, 203FE, 205TCC/FCC	209
QF20	Bronica : ETRsi, SQAi	234
QF22	Mamiya : 645 Pro TL	234
QF25	Mamiya: 645AF, 645AFD	234

QUANTUM QPAQ-X

		Est. Street Price
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.	745
PXC	200 watt-sec. Add-on Module	248
PB1	Hi-Performance battery	303

QPAQ-X ACCESSORIES

Model	Description	Est. Street Price	Model	Description	Est. Street Price
PAC	AC module- SEE ³	243	PR1UK	UK 230 VAC charger	53
PDC	dual battery adapter- SEE ³	240	PR1A	AUS/NZ 240 VAC Charger	53
PPM	pole mount for lightstand	54	PR2	QPAQ universal charger	135
PS	QPAQ shoulder strap	46	PR3A	240v fast chg- A/NZ PAC /PDC	59
PCL	Lumedyne adpt cbl-Qpaq-X	70	PR3E	230v fast chg- E/S PAC / PDC	59
PR1US	115 VAC charger	46	PR3UK	230v fast chg- UK PAC / PDC	59
PR1E	Euro/Scan. charger 230 VAC	53	PR3US	115V fast chgr-PAC/PDC ONLY	60
	³ requires PR charger		PR4	Universal AC Power Supply	421
			PRV	vehicle charger	106

FreeXwire QLINK

FW6C	FreeXwire QLINK For remote Canon shoe-mount flash FreeXwire FW8R receiver is required. Must have a Qflash TRIO or PILOT mounted on camera.	Est. Street Price	139
FW6N	FreeXwire QLINK For remote Nikon shoe-mount flash FreeXwire FW8R receiver is required. Must have a Qflash TRIO or PILOT mounted on camera.	Est. Street Price	139

FREEXWIRE

		Est. Street Price
FW10w	FreeXWire Digital Transceiver Becomes Transmitter or Receiver. Includes sync cord, mounting kit, batteries and instruction manual	279
FW89	FreeXWire Digital Set set includes: FW9T Transmitter & FW8R Receiver, 434 sync cord, mounting kit, instruction manual & batteries.	423
FW8R	FreeXWire 8R Receiver unit includes: pole mount adapter, velcro, instruction manual, batteries.	211
FW9T	FreeXWire 9T Transmitter unit includes: 434 sync cord, velcro, batteries, instruction manual.	211
FW7Q	FreeXWire 7Q Qflash 5d-R/5d/4d Receiver unit includes: instructions, batteries not needed, velcro pad.	169
FW11	Uni-Mod universal connector module with hot shoe and female household connector use with standard household to PC sync cord	66
FW12	Hot Shoe Adapter Accessory unit includes: instructions	54
FW10 Digital Transceivers can be upgraded for wireless TTL dedication.		

FREEXWIRE WIRELESS TTL ADAPTERS FOR FILM CAMERAS

Model	Description	Est. Street Price
FW52	wireless TTL adapter for Nikon	108
FW53N	wireless TTL adapter for Canon	108
FW57	wireless TTL adapter for Pentax	108
FW59	wireless TTL adapter for Hasselblad	108
FW60	wireless TTL adapter for Bronica	108
FW64	wireless TTL adapter for Contax 645	108
FW65	wireless TTL adapter for Mamiya 645AF	108
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	35
MDC2	external power connection from QB1, 1+, or QB1c to FreeXWire	38
FW25	Camera mount for FreeXwire Transmitter FW9T	26
FW26	Multi Clip - enables FreeXWire to be clipped to your belt or accessory bracket	9
FW29	ac external adapter, US & Canada, 115 vac	34
FW33	Y connector for FreeXWire TX to connect a TTL adapter plus a local Qflash and FW31 cable	58

FREEXWIRE AND RADIO SLAVE SYNC CORDS

Model	Description	Compatibility					Est. Street Price
		405	505	505i	FW10w	FW89	
434	1.5ft. (.5m) replacement sync-in cord	yes	no	no	yes	yes	33
435	4ft. (1.2m) coiled sync_in cord	yes	no	no	yes	yes	33
470	special sync-in cord for Hasselblad "C" lens	yes	no	no	yes	yes	38
534	1.5ft. (.5m) coiled sync cord - PC male to household male (twin prong)	no	yes	yes	yes*	yes*	34
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*	34
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*	34
540	sync-out cord- Qflash sync household to household	no	yes	yes	yes [®]	yes [®]	34
541	sync-out cord- Qflash sync household to mini phono	yes	no	no	yes [®]	yes [®]	34
570	special sync cord for Hasselblad "C" lens	no	yes	yes	yes*	yes*	38
FW20	sync-in cord 18" (.5m), PC male to FreeXWire accessory connector	no	no	no	yes	yes	38
FW21	hot shoe sync 18" (.5m), hot shoe to FreeXWire accessory connector	no	no	no	yes	yes	49
FW22	hot shoe sync 18" (.5m), hot shoe to FreeXWire sync-in	no	no	no	yes	yes	60
FW31	ext cable 18" (.5m), FreeXWire accy connector to Qflash or Uni-mod accy connector	no	no	no	yes	yes	38

* 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					Est. Street Price
		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	66
452	Hasselblad ELM, ELX	yes	yes	yes	yes	yes	66
453	Canon, Olympus, Hasselblad H-1	yes	yes	yes	yes	yes	66
456	Leica R3, R5, R6, R6-2, R7, RE	yes	yes	yes	yes	yes	113
458	Minolta 5000, 7000, 9000, 5000i, 7000i, 8000i, 5Xi, 7Xi, 9Xi, 700si, Maxxum - 7,9	yes	yes	yes	yes	yes	113
459	Canon EOS A5, A2E, A2, 1, 1N, 620, T90	yes	yes	yes	yes	yes	113
463	Bronica SQAI	yes	yes	yes	yes	yes	66
464	Rollei 6008, 6006, 6003, 6002, SLX	yes	yes	yes	yes	yes	66
465	Hasselblad 503CW /CXI Shutter Release (MD) Cord	yes	yes	yes	yes	yes	50
466	Canon EOS-3, 1V, D30, D60, 10D, 1D, 1Ds, 1D/1Ds Mark II	yes	yes	yes	yes	yes	113
467	Mamiya 645AF	yes	yes	yes	yes	yes	84

FREEXWIRE AND RADIO SLAVE SHUTTER RELEASE (MOTOR DRIVE) CORDS

Model	Description	Compatibility					Est. Street Price
		405	505	505i	FW10w	FW89	
FW41	two step MD cord for Contax 645, Canon Elan 2, 2E, 7, 7E, Rebel Xsi, XI Lite, Rebel 300D, 350D; Hasselblad H-1	no	no	no	yes	yes	43
FW42	two step MD cord for Maxxum 7, 9	no	no	no	yes	yes	113
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 50D, 5D Mark II; Olympus E-3	no	no	no	yes	yes	113
FW44	two step MD cord for Nikon D1, D1H, D1X, D2H, D2X, F5, N90/s, F90x, F100, D100(with MB-D100), D200, D3, D300 D700; Fuji S3 Pro, S5 Pro, Kodak DCS 760	no	no	no	yes	yes	113
FW45	two step MD cord for Mamiya 645AF	no	no	no	yes	yes	113
FW46	two step MD cord for Canon EOS 1, A2, A2E, AS, 1N, 620, T90	no	no	no	yes	yes	113
FW47	two step MD cord for Pentax 645N & All Autofocus SLR Cameras except Z-1p	no	no	no	yes	yes	113

MISCELLANEOUS ACCESSORIES FOR FREEXWIRE AND RADIO SLAVE

Model	Description	Compatibility					Est. Street Price
		405	505	505i	FW10w	FW89	
415	AC adapter / charger for 505R or 405R, 115 VAC	yes	yes	no	no	no	36
438	replacement belt clip for 405T transmitter	yes	no	no	no	no	9
512	replacement dead shoe mounting kit for mounting 505Si to bracket or tripod	no	no	yes	no	no	8
513	Adjustable Pole Mount Adapter for Radio Slave 2, 4, 4i, FW	yes	yes	yes	yes	yes	23
515	AC adapter (US) for 505Ri	no	no	yes	no	no	36
516	AC adapter (220 VAC) for 505Ri	no	no	yes	no	no	36
538	replacement belt clip for 505Si sender	no	no	yes	no	no	5

RADIO SLAVE 4i

Model	Description	Est. Street Price
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).	404
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	269
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	203

PHOTOMETERS

Model	Description	Est. Street Price
PME	PHOTO-METER E digital foot-candle meter	284
PML	PHOTO-METER L digital lux meter	284
PMEX	PHOTO-METER EX digital foot-candle / foot-lambert meter	553
PMLX	PHOTO-METER LX digital lux meter / Candela/M ² (NITS) meter	553

ACCESSORIES FOR PHOTO-METERS

Model	Description	Est. Street Price
PM10	rigid fiber optic probe - must be calibrated with meter	110
PM11	illuminance receptor, rotating - must be calibrated with meter	110
PM12	flexible fiber optic probe - must be calibrated with meter	395
PM13	luminance receptor for models PME, PML (must be calibrated to meter)	35

REPAIRS WITH PRICING

Description of Repair	Retail	Description of Repair	Retail
Replace Bantam Battery Pack	56	Repair Turbo / Turbo Z Circuit Board	85
Repair Bantam Circuit Board	49	Repair Turbo Cable	35
Repair Bantam Module	25	Replace Turbo 2x2, SC, C Battery	101
		Repair Turbo 2x2, SC, C Circuit Board	85
Replace QB1 / QB1+ Battery Pack	74		
Replace QB2 Battery Pack	90	Upgrade QFT2/2D or / X2/2D	172
Replace QB Case	49	to QFT3DR / X3DR	
Repair QB Circuit Board	62		
Repair QB Module	32	Change Frequency of RS4 / 4i	85
		Repair RS4 / 4i Circuit Board	85
Repair Meter Circuit	102	Replace RS4 / 4i Antenna	32
Replace Turbo / Turbo Z Battery	90		
Replace Turbo / Turbo Z Case	62	Repair FreeXwire Circuit Board	85
		Repair FreeXwire Antenna	42
		Photometer Calibration to N.I.S.T.	81

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