

Transmitters Specifications	Loc-1Tx	Loc-5Tx	Loc-10Tx					
Typical Applications								
Typical Applications	Pipe & cable locator transmitter Transmitting active signals for the location of buried pipes and cables							
Construction	High impact ABS							
Transmitter Assembly								
Weight (Excluding Battery)	3.7lbs (1.65kg)	11lbs (5kg)						
Dimension	9.6in(L) x 9.6in(W) x 2.2in(H) (245mm x 243mm x 57.5mm)	12.5in(L) x 9.6in(W) x 2.2in(H) (318mm x 243mm x 57.5mm)	16.5in(L) x 7.1in(W) x7.3in(H) (420mm x 180mm x 185mm)					
Display Type	LEDs light	Monochrome display (LED backlight) 2.5in x 0.6in (65mm x 16mm), 16 character x 2 lines	Monochrome dot matrix graphic LCD display (LED backlight) 2.4in x 1.3in (60mm x 32mm)					
Power Supply	4 x alkaline "D" cells	8 x alkaline "D" cells Ni-MH rechargeable battery pack	 12 x alkaline "D" cells Ni-MH rechargeable battery pack – 14.4V 12-16V external DC power 					
Battery Life	At 70°F (21°C) - continuous use Output Power Alkaline 1/3 watt > 80 hours	At 70°F (21°C) - continuous use Output Power Alkaline Ni-MH (Rechargeable) 1 watt 20 hours 50 hours 5 watt 4 hours 10 hours Ni-MH batteries will withstand 500 charging life cycles	At 70°F (21°C) - continuous use Output Power 1 watt 20 hours 5 watt 6 hours 10 hours					
External Connectors	- 1 x 3 pin connection socket – (XLR) - 1 x fuse (output protection) 400mA (0.2in(D) x 0.8in(L) (5mm x 20mm)) - 1 x USB socket (on the front panel of transmitter for loading operating software)	- 1 x 3 pin connection socket – (XLR) - 1 x fuse (output protection) 1A (0.2in(D) x 0.8in(L) (5mm x 20mm)) - 1 x USB socket - 1 x socket for battery charger (rechargeable battery pack) or 12V DC power in (Alkaline battery pack)	- 1 x 3 pin connection socket–(XLR) - 1 x fuse (output protection) 1.5A/250V, 0.2in(Dia.) x 0.8in(L) (5mm x 20mm) - 1 x USB socket - 1 x socket for battery charger & 12V DC power in					
Output Protection	Output protected against accidental momentary connection to up	to 240V AC						
Approvals	- Complies with European standard CE (Directive 99/5/EC) • EN 55011 • EN 61000-4-2: A1 & A2 • EN 61000-4-3 • EN 61000-4-8: A1 • ETSI EN 300 330-2 • ETSI EN 301 489-1 • ETSI EN 301 489-3	- Complies with FCC Rules • CFR 47 part 2 • CFR 47 Part 15	Part 15					
Standard Accessories (Supplied With Transmitter)	- 1 x direct connection lead (XLR plug with two cables each 10ft (3.5m) long with crocodile clips) - 1 x ground lead (30ft (10m) long) - 1 x T type ground stake If purchased with receiver a soft roll round carry bag (with wheels) is supplied							

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Transmitters Specifications	Loc-1Tx	Loc-5Tx	Loc-10Tx
Optional Accessories	- 2in (50mm) transmitter clamp - 4in (100mm) transmitter clamp - 5in (125mm) transmitter clamp - LPC Separation Filter (to connect and use transmitter on lines carrying up to 240V AC) - Transmitter only "shoulder bag"	- 2in (50mm) transmitter clamp - 4in (100mm) transmitter clamp - 5in (125mm) transmitter clamp - LPC Separation Filter (to connect and use transmitter on lines carrying up to 240V AC) - Transmitter only "shoulder bag" - Rechargeable battery pack – comprising 8 x D cell Ni-MH batteries and charger (100-240V AC – 1.5A) - 12V DC vehicle power lead for powering the transmitter from a vehicle (not charging the transmitter)	- 2in (50mm) transmitter clamp - 4in (100mm) transmitter clamp - 5in (125mm) transmitter clamp - LPC separation filter (to connect and use transmitter on lines carrying up to 240V AC) - Soft carry bag (with no wheels) - Rechargeable battery tray – comprising 12 x D cell Ni-MH batteries and charger (100-240V AC – 1.5A) - 12V DC vehicle power lead for powering the transmitter from a vehicle (not charging)
		100-240V AC power supply for powering the transmitter from mains power (not charging the transmitter)	100-240V AC power supply for powering the transmitter from mains power (not charging the transmitter)
Rechargeable Batteries Pack A	accessory		
Description	-	5W transmitter rechargeable batteries pack	10W transmitter rechargeable batteries with tray
Weight		3.31lbs (1.5kg)	11lbs (3.2kg)
Dimension		8.9in(L) x 5.9in(W) x 2.3in(H) (225mm x 150mm x 59mm)	16.5in(L) x 6.8in(W) x2.6in(H) (420mm x 172mm x 70mm)
Batteries	-	8 x rechargeable D cell (Ni-MH) batteries	12 x rechargeable D cell (Ni-MH) batteries
Temperature Range	-	Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C)	Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C)
Warranty		12 months	12 months
Operational			
Information Displayed	 Frequency (LED light) Output level (LED light) Battery status (LED light) Beeper volume (2 levels & off) 	- Output current (numeric) - Volts - Resistance - Impedance - Frequency of output signal - High voltage warning if volts on line exceed RMS 36V - Beeper volume (3 levels & off) - Battery condition - Type of connection	- Current (numeric) - Volts - Resistence - Frequency of output signal - High voltage warning if volts on line exceed 30V AC - Beeper volume (3 levels & off) - Battery condition icon - Bar graph showing proportion of signal successfully applied - Animation icon confirming connection mode (Induction, Direct connection, Clamp)
Location Modes	Induction mode – applies signal inductively using internal a Direct connection mode - applies signal directly to the cabl Clamp mode – applies signal using an inductive clamp (toro Modes are selected automatically when accessories are plugge Default mode (no accessories) is induction.	e by clipping one output lead to the cable, the other to an independ id) that is placed around the target cable	,

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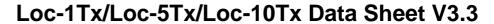




Transmitters									_	
Specifications	Loc-1Tx			Loc-5Tx			Loc-10Tx			
Transmitting Frequency By Mode										
Induction Mode	Single frequency chosen from:			Two inc	Two induction frequencies chosen from:			Three induction frequencies chosen from:		
	A002	32.8 kHz(32,768Hz)		B001	8.19 kHz(8,192Hz)		C011	8.19 kHz <i>(8,192Hz)</i>	65.5 kHz <i>(65,536Hz)</i>	
	A006	83.1 kHz <i>(</i> 83,077Hz)			32.8 kHz(32,768Hz)		32.8 kHz <i>(</i> 32,768Hz)		
	A010	32.8 kHz(32,768Hz)		B002	32.8 kHz(32,768Hz	r)	C012	32.8 kHz <i>(</i> 32,768Hz)	200 kHz (200,000Hz)	
	A017	32.8 kHz(32,768Hz)			65.5 kHz <i>(65,536Hz</i>)	·)		65.5 kHz <i>(65,536Hz)</i>		
	A018	83.1 kHz <i>(</i> 83,077Hz)		B003	32.8 kHz(32,768Hz	;)	C013	32.8 kHz <i>(32,768Hz)</i>	200 kHz (200,000Hz)	
	A019	83.1 kHz <i>(</i> 83,077Hz)			200 kHz(200,000Hz	,		83.1 kHz <i>(</i> 83,077Hz)		
	A020	83.1 kHz <i>(83,077Hz)</i>		B004	8.19 kHz(8,192Hz)		C111	8.44 kHz <i>(8,440Hz)</i>	82.5 kHz (82,488Hz)	
	* Vivax-Metr	otech reserves the right to	change this list.		32.8 kHz(32,768Hz	,		32.8 kHz(32,768Hz)		
				B005	32.8 kHz(32,768Hz	,	C113	32.8 kHz <i>(32,768Hz)</i>	78.1 kHz <i>(78,125Hz)</i>	
				B000	83.1 kHz(83,077Hz	7)		65.5 kHz <i>(65,536Hz)</i>	00.5111 (00.40011)	
				B006	8.19 kHz(8,192Hz)	,	C211	8.44 kHz <i>(8,440Hz)</i>	82.5 kHz <i>(82,488Hz)</i>	
				B007	32.8 kHz(32,768Hz)	")	C241	32.8 kHz(32,768Hz)	CE E I/ I= (CE E2CI I=)	
				B007	9.82 kHz <i>(9,820Hz)</i> 83.1 kHz <i>(83,077Hz</i>		C241	8.19 kHz <i>(8,192Hz)</i> 32.8 kHz <i>(32,768Hz)</i>	65.5 kHz <i>(65,536Hz)</i>	
				* \/i\/av	Metrotech reserves the right	,	C242	32.8 kHz(32,768Hz)	83.1 kHz <i>(</i> 83, <i>077Hz)</i>	
				VIVAX	ivietroteeri reserves trie rigi	it to change this list.	0242	65.5 kHz <i>(65,536Hz)</i>	00.1 KHZ(00,077112)	
							C243	8.19 kHz <i>(8,192Hz)</i>	65.5 kHz <i>(65,536Hz)</i>	
								32.8 kHz <i>(</i> 32,768Hz)	00.0 14 12(00,000112)	
							C244	8.19 kHz <i>(8,192Hz)</i>	65.5 kHz <i>(65,536Hz)</i>	
								32.8 kHz(32,768Hz)	, , ,	
							* Vivax-N	Metrotech reserves the righ	nt to change this list.	
Direct Connection Mode	3 operationa	al frequencies		Freque	ncies used regularly (favorit	tes) can be selected – so that	Frequenc	cies used regularly (favorit	es) can be selected – so that	
	A002	512Hz	32.8 kHz (32,768Hz)	,	e the only ones included	I in the frequency selection	•	the only ones included	in the frequency selection	
		8.19 kHz (8,192Hz)		mode.	T =	00.0111 (00.70011)	mode.	T =	05 5 111 (05 500)()	
	A006	512Hz	83.1 kHz (83,077Hz)	B001	512Hz	32.8 kHz(32,768Hz)	C011	512Hz	65.5 kHz <i>(65,536Hz)</i>	
		8.19 kHz (8,192Hz)		B002	8.19 kHz <i>(8,192Hz)</i> 512Hz	65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz)		8.19 kHz(8,192Hz) 32.8 kHz(32,768Hz)	200 kHz <i>(200,000Hz)</i>	
	A010	8.19 kHz (8,192Hz)	65.5 kHz <i>(65,536Hz)</i>	1 5002	8.19 kHz(8,192Hz)	200 kHz (200,000Hz)	C012	512Hz	65.5 kHz <i>(65,536Hz)</i>	
	1017	32.8 kHz (32,768Hz)	00 0 1 1 1 (00 700 / 1)		32.8 kHz(32,768Hz)	200 Ki iz (200,000112)	0012	8.19 kHz(8,192Hz)	200 kHz (200,000Hz)	
	A017	640Hz 8.19 kHz <i>(8,192Hz)</i>	32.8 kHz <i>(32,768Hz)</i>	B003	512Hz	65.5 kHz <i>(65,536Hz)</i>		32.8 kHz(32,768Hz)	200 14 12 (200,0007.12)	
	A018	640Hz	83.1 kHz <i>(83,077Hz)</i>		8.19 kHz(8,192Hz)	200 kHz (200,000Hz)	C013	512Hz	65.5 kHz (65,536Hz)	
	A010	8.19 kHz (8,192Hz)	03.1 KHZ (03,077112)		32.8 kHz(32,768Hz)	, , ,		8.19 kHz(8,192Hz)	200 kHz (200,000Hz)	
	A019	982Hz	83.1 kHz <i>(</i> 83,077Hz)	B004	SD-EUR	32.8 kHz(32,768Hz)		32.8 kHz(32,768Hz)	83.1 kHz (83,077Hz)	
	/1010	9.82 kHz (9,820Hz)	00.1 KHZ (00,077712)		640Hz	65.5 kHz (65,536Hz)	C111	512Hz	38 kHz (38,000Hz)	
	A020	8.19 kHz (8,192Hz)	32.8 kHz (32,768Hz)		8.19 kHz (8,192Hz)			640Hz	65.5 kHz <i>(65,536Hz)</i>	
		83.1 kHz (83,077 Hz)	(- //	B005	512Hz	38 kHz <i>(38,000Hz)</i>		8.19 kHz(8,192Hz)	78.1 kHz <i>(78,125Hz)</i>	
	l			'	8.19 kHz(8,192Hz)	65.5 kHz <i>(65,536Hz)</i>		8.44 kHz (8,440Hz	82.5 kHz (82,488Hz)	
	* Other frequ	uencies can be added			9.5 kHz (9,500Hz)	78.1 kHz <i>(78,125Hz)</i>		9.5 kHz (9,500Hz)	200 kHz <i>(200,000Hz)</i>	
					32.8 kHz (32,768Hz)	83.1 kHz (83,077Hz)	0440	32.8 kHz (32,768Hz)	00.0141- (00.700//.)	
				B006	SD-EUR	32.8 kHz (32,768Hz)	C113	512Hz	32.8 kHz (32,768Hz)	
					512Hz	65.5 kHz (65,536Hz)		640Hz 8 10 kHz/8 102Hz)	38 kHz (38,000Hz)	
					640Hz	83.1 kHz (83,077Hz)		8.19 kHz <i>(8,192Hz)</i>	65.5 kHz <i>(65,536Hz)</i>	

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					8.19 kHz <i>(8,192Hz</i>	7)		9.5 kHz (9,500Hz	z) 78.1 kHz <i>(78,125Hz)</i>
			B00	0.7	982Hz	83.1 kHz <i>(83,077Hz)</i>	C211	9.5 kHz (9,500Hz	32.8 kHz (32,768Hz)
				107			6211		, ,
			<u> </u>		9.82 kHz <i>(9,820H</i>	2)		8.19 kHz (8,192h 8.44 kHz (8,440h	, , , , , , , , , , , , , , , , , , , ,
			*8.414	*Multi-fraguency mode up to 2 simultaneously			, .	, , , , ,	
			"IVIUIT	*Multi frequency mode up to 3 simultaneously.		0044	9.82 kHz (9,820H		
			0:	Cignal Direction		C241	, .	, , , , ,	
				Signal Direction SD-USA 256Hz/512Hz		0040	32.8 kHz (32,768		
						256Hz/512Hz	C242	, ,	
			SE	SD-EUR 320Hz/640Hz		_	32.8 kHz (32,768 65.5 kHz (65,536		
							C243	• •	
							0243	32.8 kHz (32,768	, , , , , , , , , , , , , , , , , , , ,
								65.5 kHz (65,536	, , , , , , , , , , , , , , , , , , , ,
							C244	128Hz	8.19 kHz <i>(8,192Hz)</i>
								SD-EUR	32.8 kHz (32,768Hz)
								512Hz	65.5 kHz <i>(65,536Hz)</i>
								640Hz	83.1 kHz <i>(83,077Hz)</i>
									(,- ,
							*Multi fi	equency mode up to	2 simultaneously.
								. , ,	•
							Signal	Direction	
							SD-U	ISA	256Hz/512Hz
							SD-E	UR	320Hz/640Hz
Clamp Mode	Clamp operat	ional between 8 kHz and 83k based on		•	•	, 8.19 kHz, 8.44 kHz, 9.5 kHz,	Clamp	compatible with 8.19	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz,
Clamp Mode	Clamp operat		9.82	kHz, 2	29.43 kHz, 32.8 kH	z, 38 kHz, 65.5 kHz, 78.12 kH	Clamp Iz, 29.43 k	compatible with 8.19 Hz, 32.8 kHz, 38 kHz	
Clamp Mode			9.82 80.43	kHz, 2 3 kHz,	29.43 kHz, 32.8 kH , 82.5 kHz, and 83.	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz.	Clamp 1z, 29.43 k 82.5 kF	compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, , 65.5 kHz, 78.12 kHz, 80.43 kHz,
Clamp Mode	configuration.	·	9.82	kHz, 2 3 kHz, 01	29.43 kHz, 32.8 kH , 82.5 kHz, and 83. 8.19 kHz(8,192Hz	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z)	Clamp Iz, 29.43 k	compatible with 8.19 Hz, 32.8 kHz, 38 kHz and 83.1 kHz	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, , 65.5 kHz, 78.12 kHz, 80.43 kHz, z) 65.5 kHz (65,536Hz)
Clamp Mode	configuration.	8.19 kHz <i>(8,192Hz)</i>	9.82 80.43	kHz, 2 3 kHz, 01	29.43 kHz, 32.8 kH , 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. t)	Clamp 29.43 k 82.5 kF C011	compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 2) 65.5 kHz (65,536Hz)
Clamp Mode	configuration. A002 A006	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz)	9.82 80.43 B00	kHz, 2 3 kHz, 01	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz)	Clamp 1z, 29.43 k 82.5 kF	compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 2) 65.5 kHz (65,536Hz) 65.5 kHz (81,192Hz) 8.19 kHz(8,192Hz)
Clamp Mode	configuration.	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz)	9.82 80.43	kHz, 2 3 kHz, 01	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz) (65,536H65.5 kHz)	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. t) dz) Hz)	Clamp 29.43 k 82.5 kF C011	compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, z) 65.5 kHz (65,536Hz) dz) 8.19 kHz(8,192Hz) Hz)
Clamp Mode	configuration. A002 A006	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00	kHz, 2 3 kHz, 101	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) c) s)	Clamp 29.43 k 82.5 kF C011	compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 7 kHz, 65.5 kHz, 65.5 kHz, 65.5 kHz (65,536Hz) kHz) kHz) 8.19 kHz(8,192Hz) kHz) 65.5 kHz (65,536Hz)
Clamp Mode	A002 A006 A010	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz)	9.82 80.43 B00 B00	kHz, 2 3 kHz, 101	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. t) dz) Hz) e) Hz) t) Hz)	Clamp 29.43 k 82.5 kF C011 C012	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 2) 65.5 kHz (65,536Hz) dz) 8.19 kHz(8,192Hz) Hz) 65.5 kHz (65,536Hz) dz) 83.1 kHz (83,077Hz)
Clamp Mode	configuration. A002 A006	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz)	9.82 80.43 B00	03	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. t) dz) Hz) tz) Hz) z)	Clamp 29.43 k 82.5 kF C011	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 2) 65.5 kHz (65,536Hz) dz) 8.19 kHz(8,192Hz) Hz) 2) 65.5 kHz (65,536Hz) dz) 83.1 kHz (83,077Hz) 2) 38 kHz (38,000Hz)
Clamp Mode	A002 A006 A010 A017	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00	03	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(8,192Hz 32.8 kHz(8,192Hz	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) z) dz)	Clamp 29.43 k 82.5 kF C011 C012	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 72) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 65.5 kHz (83,077Hz) 72) 38 kHz (38,000Hz) 65.5 kHz (65,536Hz)
Clamp Mode	A002 A006 A010	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00	kHz, 2 3 kHz, 101 102	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) dz) Hz) Hz)	Clamp 29.43 k 82.5 kF C011 C012	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz z and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 2) 65.5 kHz (65,536Hz) kHz (65,536Hz) kHz) 8.19 kHz(8,192Hz) kHz) 2) 65.5 kHz (65,536Hz) kHz (83,077Hz) 2) 38 kHz (38,000Hz) (2) 65.5 kHz (65,536Hz) kHz (78,125Hz) (78.1 kHz (78,125Hz)
Clamp Mode	A002 A006 A010 A017 A018	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 8.19 kHz (8,192Hz) 8.11 kHz (8,197Hz)	9.82 80.43 B00 B00	kHz, 2 3 kHz, 101 102	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) dz) Hz) t) dz) Hz)	Clamp 29.43 k 82.5 kF C011 C012 C013	20. September 20	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, c) 65.5 kHz (65,536Hz) dz) 8.19 kHz(8,192Hz) dz) 65.5 kHz (65,536Hz) dz) 83.1 kHz (83,077Hz) dz) 38 kHz (38,000Hz) dz) 65.5 kHz (65,536Hz) dz) 78.1 kHz (78,125Hz) dz)
Clamp Mode	A002 A006 A010 A017	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 8.19 kHz (8,192Hz) 9.82 kHz (9,820Hz)	9.82 80.43 B00 B00	kHz, 2 3 kHz, 101 102	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536i 8.19 kHz(32,768H 65.5 kHz (65,536i 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536i 8.19 kHz(32,768H 65.5 kHz (65,536i 8.19 kHz(8,192Hz 32.8 kHz(32,768H	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) tz) Hz) tz) Hz)	Clamp 29.43 k 82.5 kF C011 C012	20. September 20	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 2) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 65.5 kHz (83,077Hz) 65.5 kHz (83,077Hz) 65.5 kHz (65,536Hz) 65.5 kHz (65,536Hz) 78.1 kHz (78,125Hz) 65.5 kHz (78,125Hz)
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 8.19 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 8.14 kHz (8,192Hz) 8.15 kHz (8,192Hz) 8.15 kHz (8,192Hz) 8.16 kHz (8,192Hz) 8.17 kHz (8,192Hz) 8.18 kHz (8,192Hz) 8.19 kHz (8,192Hz) 8.11 kHz (8,192Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 1001	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) tz) Hz) z) dz) Hz)	Clamp 29.43 k 82.5 kF C011 C012 C013	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 81.9 kHz, 81.9 kHz, 81.9 kHz, 81.9 kHz, 81.9 kHz, 81.9 kHz, 81.1 kHz, 81
Clamp Mode	A002 A006 A010 A017 A018	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (8,3077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz)	9.82 80.43 B00 B00	kHz, 2 3 kHz, 1001 1002 1003	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) dz) Hz) dz) Hz) tz)	Clamp 29.43 k 82.5 kH C011 C012 C013 C111	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536H 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, d52 kHz (65,536Hz) kHz (65,536Hz) kHz (8.19 kHz (8.192Hz) kHz) kHz (8.19 kHz (8.192Hz) kHz) kHz (8.10 kHz (8.10 kHz) kHz (8.10 kHz) kHz (8.10 kHz (8.10 kHz) kHz (8.10 kHz) kHz (8.10 kHz) kHz (8.10 kHz) kHz (8.10 kHz (8.10 kHz) kHz (8.10 kHz
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 1001 1002 1003	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 32.8 kHz(32,768H 65.5 kHz (65,536I 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) dz) Hz) dz) Hz) dz) Hz) dz) Hz) tz) Hz)	Clamp 29.43 k 82.5 kF C011 C012 C013	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz z and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536) 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768I 8.19 kHz (8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768I	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, d55.5 kHz (65,536Hz) d52 8.19 kHz(8,192Hz) d52 65.5 kHz (65,536Hz) d52 83.1 kHz (83,077Hz) d52 65.5 kHz (65,536Hz) d52 65.5 kHz (65,536Hz) d52 65.5 kHz (65,536Hz) d54 65.5 kHz (78,125Hz) d55 65.5 kHz (78,125Hz) d55 65.5 kHz (78,125Hz) d55 65.5 kHz (78,125Hz) d55.5 kHz (65,536Hz)
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (8,3077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 1001 1002 1003	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz) 8.19 kHz(8,192Hz) 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz) 8.19 kHz(8,192Hz) 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz) 8.19 kHz(8,192Hz) 32.8 kHz(32,768H65.5 kHz) 8.19 kHz(8,192Hz) 32.8 kHz(32,768H65.5 kHz) 8.19 kHz(8,192Hz) 32.8 kHz(32,768H65.5 kHz) 8.19 kHz(8,192Hz) 9.5 kHz (9,500Hz) 32.8 kHz (32,768H65.5 kHz)	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. t) (z) Hz) Hz) t) Hz) tz) Hz) tz) Hz) tz) Hz)	Clamp 29.43 k 82.5 kH C011 C012 C013 C111	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz z and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536) 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, d52 kHz, 65.5 kHz (65,536Hz) d52 kHz, 81.9 kHz(8,192Hz) d52 kHz, 83.1 kHz (83,077Hz) d53 kHz (85,536Hz) d54 kHz (85,536Hz) d55 kHz (65,536Hz) d55 kHz (78,125Hz) d55 kHz (78,125Hz) d55 kHz (78,125Hz) d55 kHz (65,536Hz) d55 kHz (65,536Hz) d55 kHz (65,536Hz) d55 kHz (65,536Hz) d55 kHz (78,125Hz) d55 kHz (82,488Hz) d55 kHz (82,488Hz)
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 1001 1002 1003	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz) (6	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) (z) Hz) Hz) tz) Hz) z) dz) Hz) tz) Hz) tz) Hz)	Clamp 29.43 k 82.5 kH C011 C012 C013 C111	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz Iz and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536) 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, ktz, 65.5 kHz (65,536Hz) ktz 8.19 kHz(8,192Hz) ktz 65.5 kHz (65,536Hz) ktz 83.1 kHz (83,077Hz) ktz 65.5 kHz (65,536Hz) 78.1 kHz (78,125Hz) ktz 82.5 kHz (82,488Hz) ktz 83.1 kHz (83,077Hz)
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 1001 1002 1003	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz (65,536H65.536H65.536H65.536H65.5 kHz (65,536H65.5 kHz (95,500Hz) 32.8 kHz (32,768H65.5 kHz (32,768H65	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) (z) Hz) Hz) tz) Hz) z) Hz) tz) Hz) tz) Hz) tz)	Clamp 29.43 k 82.5 kl C011 C012 C013 C111 C113	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz z and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536) 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz (8,440H 9.5 kHz (8,440H 9.5 kHz (8,440H 9.82 kHz (9,820H 32.8 kHz (32,768H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, ktz, 65.5 kHz (65,536Hz) ktz 8.19 kHz(8,192Hz) ktz 65.5 kHz (65,536Hz) ktz 83.1 kHz (83,077Hz) ktz 65.5 kHz (65,536Hz) 78.1 kHz (78,125Hz) ktz 82.5 kHz (82,488Hz) ktz 83.1 kHz (83,077Hz) ktz 83.1 kHz (83,077Hz) ktz
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 3 kHz, 30 kHz, 20 kHz, 2	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz (65,536H65.536H765.536H765.536H765.5 kHz (65,536H765.5 kHz (65,536H765.5 kHz (65,536H765.5 kHz (65,536H765.5 kHz (65,536H765.5 kHz (9,500Hz) 32.8 kHz (32,768H765.5 kHz (32,768H765.	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) (z) Hz) Hz) tz) Hz) tz) Hz) tz) Hz) tz) Hz) tz) Hz)	Clamp 29.43 k 82.5 kH C011 C012 C013 C111	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz z and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536) 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768I 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768I 8.19 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768I 8.19 kHz (8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768I 8.19 kHz (8,440H	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 65.5 kHz (65,536Hz) 65.5 kHz (78,125Hz) 65.5 kHz (82,488Hz) 65.5 kHz (83,077Hz) 65.5 kHz (83,077Hz) 65.5 kHz (85,536Hz)
Clamp Mode	A002 A006 A010 A017 A018 A019	8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 65.5 kHz (65,536Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz) 8.19 kHz (8,192Hz) 83.1 kHz (83,077Hz) 9.82 kHz (9,820Hz) 83.1 kHz (83,077Hz) 8.19 kHz (8,192Hz) 32.8 kHz (32,768Hz)	9.82 80.43 B00 B00 B00	kHz, 2 3 kHz, 3 kHz, 30 kHz, 20 kHz, 2	29.43 kHz, 32.8 kH 82.5 kHz, and 83. 8.19 kHz(8,192Hz 32.8 kHz(32,768H65.5 kHz (65,536H65.5 kHz (65,536H65.536H65.536H65.536H65.5 kHz (65,536H65.5 kHz (95,500Hz) 32.8 kHz (32,768H65.5 kHz (32,768H65	z, 38 kHz, 65.5 kHz, 78.12 kH 1 kHz. z) (z) Hz) Hz) z) (z) Hz) z) Hz) z) Hz) z) Hz) z) Hz) z) Hz)	Clamp 29.43 k 82.5 kl C011 C012 C013 C111 C113	Compatible with 8.19 Hz, 32.8 kHz, 38 kHz z and 83.1 kHz 8.19 kHz(8,192Hz 32.8 kHz(32,768H 32.8 kHz(32,768H 65.5 kHz (65,536) 8.19 kHz(8,192Hz 32.8 kHz(32,768H 8.19 kHz(8,192Hz 8.44 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz(8,192Hz 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz (8,440H 9.5 kHz (9,500Hz 32.8 kHz (32,768H 8.19 kHz (8,192Hz 32.8 kHz (32,768H 8.19 kHz (8,440Hz 9.82 kHz (9,820Hz 32.8 kHz (32,768Hz 8.19 kHz (8,440Hz 9.82 kHz (8,440Hz 9.	kHz, 8.44 kHz, 9.5 kHz, 9.82 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 65.5 kHz, 78.12 kHz, 80.43 kHz, 65.5 kHz (65,536Hz) 65.5 kHz (78,125Hz) 65.5 kHz (82,488Hz) 65.5 kHz (82,488Hz) 65.5 kHz (83,077Hz)

All products are designed and manufactured in accordance with ISO 9001:2008 Updated: Mar 2014





		65.5 kHz (65,536Hz)	32.8 kHz (32,768Hz) 83.1 kHz (83,077Hz)		
		83.1 kHz (83,077Hz)	C243 8.19 kHz (8,192Hz) 65.5 kHz (65,536Hz)		
		B007 9.82 kHz (9,820Hz)	32.8 kHz (32,768Hz) 83.1 kHz (83,077Hz)		
		83.1 kHz <i>(83,077Hz)</i>	C244 8.19 kHz (8,192Hz) 65.5 kHz (65,536Hz)		
			32.8 kHz (32,768Hz) 83.1 kHz (83,077Hz)		
Transmitting Mode Power Output	In accordance with FCC part 15:	In accordance with FCC part 15:	In accordance with FCC part 15:		
	- 1 watt	- Frequencies under 45 kHz - 5 watts	- Frequencies under 45 kHz - 10 watts		
		- Frequencies over 45 kHz - 1 watt	- Frequencies over 45 kHz - 1 watt		
Maximum Output Voltage	20V RMS	30V/50V RMS 30V/50V RMS			
Maximum Output Current	150mA RMS constant power	300mA RMS constant current	1A RMS constant current		
Audio indication	- Connection quality - Fast beep sound showing the better	- Connection quality - Fast beep sound showing the better sig	gnal applied		
	signal applied	- Low battery warning			
	- Low battery warning	- Beep to confirm action			
	- Long beep to confirm "set"				
Transmitters	L and 4Th	Las ET.	Lan AOTo		
Specifications	Loc-1Tx	Loc-5Tx	Loc-10Tx		
Controls	Use pushbuttons to select:	- Use pushbuttons to select:	•		
	- Frequency	 Frequency 			
	- Frequency - Output level	FrequencyOutput level			
	' '	• •	iency & multi mode)		
Compatible With Receivers	- Output level	Output level	vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2,		
	- Output level - Audio level	Output level Information (volts & resistance) / Setting (volume, frequency)			
	- Output level - Audio level	Output level Information (volts & resistance) / Setting (volume, frequency)	vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2,		
Compatible With Receivers	- Output level - Audio level	Output level Information (volts & resistance) / Setting (volume, frequency)	vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2,		
Compatible With Receivers Environmental	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800	Output level Information (volts & resistance) / Setting (volume, frequency)	vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2,		
Compatible With Receivers Environmental	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800 Operating: -4°F to 122°F (-20°C to 50°C)	Output level Information (volts & resistance) / Setting (volume, frequency)	vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2,		
Compatible With Receivers Environmental Temperature Range	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800 Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C)	Output level Information (volts & resistance) / Setting (volume, frequency)	vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2,		
Compatible With Receivers Environmental Temperature Range Weather Proof	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800 Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C) IP54 and NEMA 4	Output level Information (volts & resistance) / Setting (volume, frequence) / Setting (vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2, vLoc-9800		
Compatible With Receivers Environmental Temperature Range Weather Proof Shipping Weight	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800 Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C) IP54 and NEMA 4 4.4lbs (2kg)	Output level Information (volts & resistance) / Setting (volume, frequence) / Setting (vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2, vLoc-9800 38.6lbs (17.5kg) (receiver, transmitter & accessories) 30.1in(L) x 17.5in(W) x 11.2in(H) (765mm x 445mm x 285mm)		
Compatible With Receivers Environmental Temperature Range Weather Proof Shipping Weight Shipping Dimension	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800 Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C) IP54 and NEMA 4 4.4lbs (2kg)	Output level Information (volts & resistance) / Setting (volume, frequence) / Setting (vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2, vLoc-9800 38.6lbs (17.5kg) (receiver, transmitter & accessories) 30.1in(L) x 17.5in(W) x 11.2in(H) (765mm x 445mm x 285mm)		
Compatible With Receivers Environmental Temperature Range Weather Proof Shipping Weight Shipping Dimension Warranty and Upgrade	- Output level - Audio level vLocPro/vLocPro2, vLocML/vLocML2, vLoc-9800 Operating: -4°F to 122°F (-20°C to 50°C) Storage: -40°F to 140°F (-40°C to 60°C) IP54 and NEMA 4 4.4lbs (2kg) 14.4in(L) x 11.0in(W) x 7.1in(H) (365mm x 280mm x 180mm)	Output level Information (volts & resistance) / Setting (volume, frequence) / Setting (vLocPro/vLocPro2, vLocDM/vLocDM2, vLocML/vLocML2, vLoc-9800 38.6lbs (17.5kg) (receiver, transmitter & accessories) 30.1in(L) x 17.5in(W) x 11.2in(H) (765mm x 445mm x 285mm)		

Disclaimer: Product and accessory specification and availability information is subject to change without prior notice.

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All products are designed and manufactured in accordance with ISO 9001:2008

