

Description:

Series MT & MT Strobe Multitone Electronic Appliances are ideal for designs that require a choice of 8 selectable alerting sounds for various ambient and wall conditions and 2 selectable sound output levels.

Strobe Options:

Single Candela: 1575 cd (MT)
Outdoor (UL 1638): 180 cd (MTWP)
115 VAC (UL 1638): 15 cd (MT4)

Features:

- Choice of eight (8) alerting sounds: Horn, Bell, March Time Horn, Code-3 Tone, Code-3 Horn, Slow Whoop, Siren, or Hi/Lo
- Audible and strobe can operate from a single NAC circuit with any of the eight audible sounds
- MT and MTWP Strobes can be Synchronized with Wheelock SM, DSM Sync Modules or PS-12/24-8CP and PS-12/24-8MP Power Supplies with built-in sync protocol



Series MT



**Series MT
without strobe**

Specification and Ordering Information

Model Number	Order Code	Input Voltage	Rated Candela	Mounting Options#	Agency Approvals				
					UL	MEA	CSFM	FM	BFP
MT-12/24-R	5023	12/24	-	D,E,F,L,M,O,P,R	X	X	X	X	X
MT-12/24-W	5024	12/24	-	D,E,F,L,M,O,P,R	X	X	X	X	X
MT-241575W-FR	8422	24	15 (75 on AXIS)	D,E,F,L,M,O,P,R	X	X	X	X	*
MT-241575W-FW	9460	24	15 (75 on AXIS)	D,E,F,L,M,O,P,R	X	X	X	X	*
MT-24MCW-FR	3301	24	15/30/75/110	D,E,F,L,M,O,P,R	X	*	X	*	*
MT-24MCW-FW	3303	24	15/30/75/110	D,E,F,L,M,O,P,R	X	*	X	*	*
MT-121575W-FR	8421	12	15 (75 on AXIS)	D,E,F,L,M,O,P,R	X	X	X	X	*
MT-121575W-NW	9747	12	15 (75 on AXIS)	D,E,F,L,M,O,P,R	X	X	X	X	*
MTWP-2475W-FR	8420	24	180 @ 77°F 75 @ -31°F	M (Outdoor)	X	X	X	X	*
MTWP-2475W-NW	9744	24	180 @ 77°F 75 @ -31°F	M (Outdoor)	X	X	X	X	*
MT4-115-R	6223	115VAC	-	D, E, J, K, N, O, R	X	X	X	X	X
MT4-115-S	6142	115VAC	-	D, E, J, K, N, O, R	X	X	X	X	X
MT4-115-WH-VFR	6224	115 VAC	15	D, E, J, K, N, O, R	X	X	X	X	X
MT4-12/24-R	5308	12/24	-	D, E, J, K, N, O, R	X	*	*	*	*
MT4-12/24-S	7997	12/24	-	D, E, J, K, N, O, R	X	*	*	*	*

#See mounting options pull out guide in the last section of this binder.

X = Approved
* = Pending



dba and Current Ratings for Multitone Audible Portion

	RMS Current (amps)										dba @ 10ft (UL Reverberant)		dba @ 10ft (anechoic)		dba @ 10ft (UL Reverberant)			
	24 VDC				12 VDC				120 VAC		24 VDC		12 VDC		12 and 24 VDC		120 VAC	
	HI Output		STD Output		HI Output		STD Output		HI Output	STD Output	HI Output	STD Output	HI Output	STD Output	HI Output	STD Output	HI Output	STD Output
	@ 24 VDC	UL max*	@ 24 VDC	UL max*	@ 24 VDC	UL max*	@ 24 VDC	UL max*	UL max*	UL max*	HI Output	STD Output	HI Output	STD Output	HI Output	STD Output	HI Output	STD Output
Horn	0.074	0.108	0.033	0.044	0.145	0.176	0.023	0.034	0.050	0.042	92	87	90	77	99	93	88	82
Bell	0.040	0.053	0.018	0.024	0.077	0.095	0.014	0.020	0.041	0.039	86	80	85	69	92	87	82	75
March Time Horn	0.067	0.104	0.033	0.038	0.109	0.142	0.023	0.034	0.050	0.040	89	84	89	74	99	93	85	79
Code-3 Horn	0.069	0.091	0.026	0.035	0.100	0.142	0.023	0.034	0.050	0.042	88	83	88	73	99	93	85	75
Code-3 Tone	0.061	0.075	0.026	0.035	0.088	0.105	0.015	0.021	0.042	0.040	85	80	84	70	95	90	79	75
Slow Whoop	0.069	0.098	0.028	0.037	0.100	0.142	0.025	0.035	0.050	0.042	90	89	89	75	99	94	88	82
Siren	0.080	0.104	0.027	0.036	0.122	0.152	0.021	0.030	0.045	0.041	89	84	89	75	98	93	85	82
HI/LO	0.044	0.057	0.020	0.026	0.089	0.114	0.018	0.026	0.042	0.039	86	81	86	71	93	88	82	79

Strobe Current Ratings (AMPS)

Model	MT-121575	MT-241575	MTWP-2475	MT-24MCW			
Candela	1575cd	1575cd	180cd	15cd	30cd	75cd	110cd
@24VDC	0.152	0.060	0.094	0.041	0.063	0.109	0.140
UL max*	0.255	0.090	0.138	0.060	0.092	0.165	0.220

* RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range (16-33v for 24v units). For strobes the UL max current is usually at the minimum listed voltage (16v for 24v units). For audibles the max current is usually at the maximum listed voltage (33v for 24v units). For unfiltered FWR ratings, see installation instructions.

02/05