

DS-504 Rev.B

**CTRL-E1002
CHIME SYSTEM**



E1002 with top door open

97 West Street, Medfield, MA 02052

p: 508.359.4396 f: 508.359.4482

www.electrictime.com

Description:

The Style E1002 Chime system provides amplified audio output of a variety of digital chimes through a digital sound card and amplifier. It works in conjunction with our 99B control.

The 99B controller is used as the user interface for programming.

Thirty three (33) different types of chimes are available.

Chime options; 1/4 Hour: Chimes will play every 15 minutes, 1/2 Hour: Chimes will play every 30 minutes, Hourly: Chimes will play at the top of the hour. It also offers an Hour Strike: strikes the hour only.

Chimes operate during a programmable window, with an "ON", "OFF" & "Quiet Time" option.

The "Quiet Time" option plays the chime at a reduced volume (typically between 8:00pm and 11:00pm).

Extended chimes are available, please inquire. They include some Folk Songs, Classical Songs, Patriotic Songs, Christmas Songs, and Popular Songs. Custom factory sounds can be supplied.

Available Chimes:

00	Beverly
01	Cairo
02	Canterbury
03	Copenhagen
04	Denstone
05	Dorking
06	Eaton Socon
07	Fort Augustus
08	Gonville
09	Guilford
10	Hampstead
11	Keighley
12	Kroonstad
13	Lostwithiel
14	Lourdes
15	Magdalen
16	Nafferton
17	New College

18	Norwich
19	Notre Dame
20	Palmers Green
21	Parsifal
22	Preston
23	R.C. Church
24	Silchester
25	St. Michaels
26	St. Gregory
27	Tennyson
28	Ting-Tang
29	Trinity
30	Westminster
31	Whittington U.K.
32	Whittington USA
33	Winchester
34	Special 1
35	Special 2

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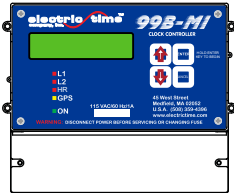
www.electrictime.com

Amplifier Specifications:

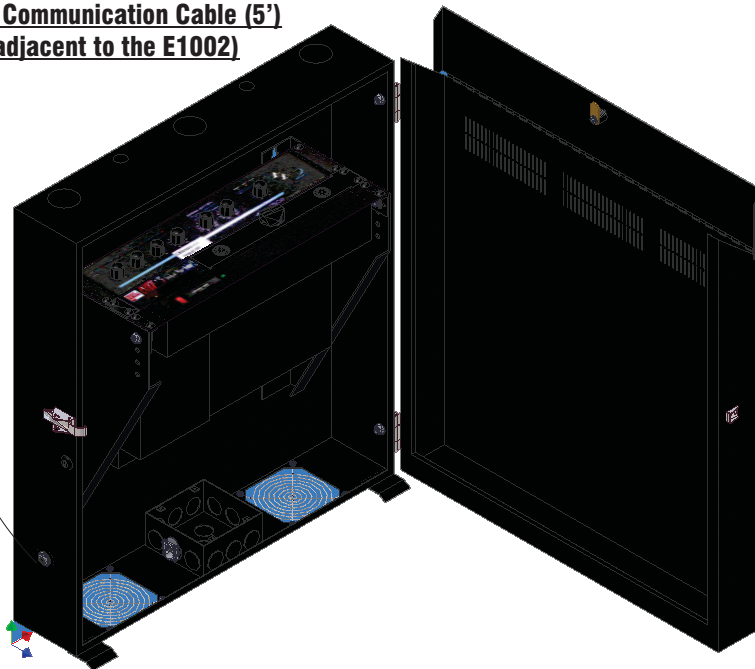
185W stereo output @ 8ohms. Independent, user-defeatable clip limiters, Fully selectable low-frequency filtering, Stereo (dual-channel), parallel-input, or Bridge Mono operating modes, Balanced inputs — XLR, ¼" (6.3 mm) TRS, and barrier strip, Pluggable terminal block and Speakon™ outputs, 21 detent gain knobs, Front panel LED indicators for signal and clip and power, Attenuation control security plate, 4 Ohm, 8 Ohm, 70/100 Volt output operation.

Standard System:

<u>Quantity</u>	<u>Description</u>
1	E1002 Chime Control System
4	Horns
4	Drivers
250'	16 Gauge Speaker Wire
1	Operation Manual 274C



**99B-> E1002 Communication Cable (5')
(99B located adjacent to the E1002)**



Architectural Specifications

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Provide Type 99B remote reset control and E1002 Chime System; (NO GPS)

Time Functions:

- Automatically resets clock after power failures.
- Automatically resets clocks for daylight savings time (if required)
- Precision Quartz Time base 4 minutes per year maximum drift.
- Built in 100 year daylight savings time calendar.
- 2 Line 16 character backlighted LCD display.
- ETL listed to UL 863.
- Power Failure Event logging.
- Standard MI output 4 clocks maximum standard
- Standard 24VDC RP output -20 clocks maximum
- Sweep Second hand output
- Hour Strike Capability.
- RS-232 and RS-485 output ports
- 24 VAC hour strike output configurable pulse output

Chime Functions:

- Programmable Start and Stop times
- 1/4, 1/2 or hourly selection.
- 33 Hourly Chimes Selections (Beverly - Winchester)
- Quiet Time - Allows interval of chimes playing at a reduced volume.
- 185 Watt Amplifier @ 8ohms, 300 Watt Amplifier @ 4 ohm.
- 600 Watt Bridge Mono for 70/100V output.
- Local Chime speaker with volume control.

Provide Type 99B remote reset control, E1002 Chime System and GPS;

Time Functions:

- Automatically resets clock after power failures.
- Automatically resets clocks for daylight savings time (if required)
- GPS precision Time base.(no drift)
- Built in 100 year daylight savings time calendar.
- 2 Line 16 character backlighted LCD display.
- ETL listed to UL 863.
- Power Failure Event logging.
- Standard MI output 4 clocks maximum standard
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Only Available with Optional Extended Chimes

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Folk Songs	
193	Londonderry Air (Danny Boy)
194	On Top of Old Smoky
195	Shenandoah
196	Amazing Grace
197	Greensleeves
198	Down by the Riverside
199	All Through the Night (Welsh)
Classical Songs	
206	Allegro (Mendelssohn)
207	Allegro Cantabile from Concerto in D for the French Horn (Mozart)
208	Allegro from Brandenburg Concerto No. 3 (Bach)
209	Allegro Ma Non Troppo from Violin Concerto in D (Beethoven)
210	Allegro from Water Music Suite (Handel)
211	Aria from Concerto in D minor for viola (Vivaldi)
212	Finale from the 1st Symphony (Brahms)
213	London Trio (Haydn)
214	Minuet
215	Minuet in G
216	The Moldau (Smetana)
217	The Winter Journey (Schubert)
Patriotic Songs	
223	America (My Country 'Tis of Thee)
224	American Patrol
225	Anchors Aweigh
226	Army Air Corps Song
227	Battle Cry of Freedom
228	Bonnie Blue Flag
229	Caisson Song
230	Columbia, The Gem of the Ocean
231	God Bless Our Native Land
232	God Save America
233	Liberty Bell March
234	Marine's Hymn
235	Onward Christian Soldiers
236	Stars and Stripes Forever
237	The Star Spangled Banner
238	Yankee Doodle

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Christmas Songs	
249	Angles we Have Heard on High
250	Away in a Manger
251	Deck the Halls
252	The First Noel
253	God Rest Ye Merry Gentlemen
254	Here We Come A-Caroling
255	The Holly and the Ivy
256	It Came Upon a Midnight Clear
257	Jingle Bells
258	Jolly Old St. Nicholas
259	O Christmas Tree
260	O Come, All Ye Faithful
261	Pat-a-Pan
262	Silent Night
263	We Three Kings of Orient Are
264	Up On a Housetop
265	We Wish You a Merry Christmas
266	What Child is This?
Popular Songs	
277	A-Hunting We Will Go
278	A-Tisket A-Tasket
279	Ach, Du Lieber Agustin
280	Aloha Oye
281	Alouette
282	Animal Fair
283	Baa! Baa! Black Sheep
284	The Banana Boat Song
285	Believe Me If All Those Endearing Young Charms
286	Big Rock Candy Mountain
287	Bill Bailey, Won't You Please Come Home
288	Billy Boy
289	Bridal Chorus
290	The Blue Danube Waltz
291	Camptown Races
292	Cara Mia
293	Catch a Falling Star
294	Comes Once in a Lifetime
295	Dixie

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Popular Songs - Cont'd	
296	Don't Sit Under the Apple Tree
297	Dream a Little Dream of Me
298	Everything's Coming up Roses
299	Five Minutes More
300	Graduation Day
301	Holiday For Strings
302	I'll Walk Alone
303	I Don't Want to Walk Without You Baby
304	It's a Long, Long Way to Tripperary
305	It's Not for Me to Say
306	I've Heard That Song Before
307	Let it Snow! Let it Snow! Let it Snow!
308	Let me Entertain You
309	Little Brown Jug
310	Looby Loo
311	Mairzy Doats
312	Margie
313	Melody of Love
314	My Melody of Love
315	The Old Lamplighter
316	On a Sunday by the Sea
317	On the Good Ship Lollipop
318	People
319	Small World
320	The Coins in a Fountain
321	We'll Be Together Again
322	We're All Alone
323	When the Saints Go Marching In
324	When Your Hair Has Turned to Silver
325	Who's Sorry Now?