

# APPLICATION NOTE

ANMC-04

## RINGING BELLS WITH THE MC41 SERIES MASTER CLOCKS

The MC41 Series Master Clock is ideal for ringing bells and sounding tones in schools, factories and other facilities. They have features including automatic Daylight Savings Time adjustment, Alpha-Numeric Displays, and Autoprompt Programming for easy installation. The Master Clock has a programmable ontime duration from 1 to 9 seconds, and does not require a program step to turn off the device. The MC41 can be set to ring bells up to 100 times per day. Therefore up to 100 bells per day are possible.

Shown below is a Sample Basic Plan 0 which can act as the default or standard plan. The Sample Basic Plan shown will operate as the most commonly used bell schedule. To implement an alternate bell schedule, activate the Sample Alternate Basic Plan 1 shown below by specifying the desired days which to do so in an Annual Plan or by keyboard selection. Other Alternate Basic Plans may also be implemented in the Annual Plan. Plans shown include only one relay (1---), yet up to four relays are available on the MC41 Series Master Clock (1234). See the MC41 Series Master Clock Manual for further details.

### SAMPLE BASIC PLAN 0

PULSE = 3 SECONDS

STEP	DAYS	HH	MM	A/PM	RELAYS
00	WDY	08	30	A	1---
01	WDY	09	15	A	1---
02	WDY	09	20	A	1---
03	WDY	10	10	A	1---
04	WDY	10	55	A	1---
05	WDY	11	00	A	1---
06	WDY	11	45	A	1---
07	WDY	11	50	A	1---
08	WDY	12	40	P	1---
09	WDY	12	45	P	1---
10	WDY	01	30	P	1---
11	WDY	01	35	P	1---
12	WDY	02	20	P	1---
13	WDY	02	25	P	1---
14	WDY	03	10	P	1---
15	WDY	08	30	P	1---
99	WDY	08	35	P	1---

### SAMPLE ALTERNATE BASIC PLAN 1

PULSE = 3 SECONDS

STEP	DAYS	HH	MM	A/PM	RELAYS
00	WDY	08	00	A	1---
01	WDY	08	50	A	1---
02	WDY	08	55	A	1---
03	WDY	09	45	A	1---
04	WDY	09	50	A	1---
05	WDY	10	40	A	1---
06	WDY	10	45	A	1---
07	WDY	11	35	A	1---
08	WDY	11	40	A	1---
09	WDY	12	40	P	1---
10	WDY	01	30	P	1---
11	WDY	01	35	P	1---
12	WDY	02	25	P	1---
13	WDY	02	30	P	1---
14	WDY	03	20	P	1---
15	EDY	06	30	P	1---
99	EDY	08	30	P	1---



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