

Ideas for using the:

Morse Clock / Timer kit  
from Jackson Harbor Press

### 25 / 55 timer

Listeners to radio during the day may be interested in the way I use the Morse Watch / Timer kit to control the output from two radios that I listen to during the day.

I call this the 25 / 55 timer because I like to listen to :Len Walter's business reports at 25 and 55 minutes past the hour on WBBM AM 780 in Chicago. However, since I don't live in the Chicago area anymore, I'm less interested in the other news stories on WBBM and instead I like to listen to the local Wisconsin Public radio station which broadcasts music during the day.

To setup the 25/55 timer, I first connected a speaker to the center or Common connection to the latching relay of the Morse Watch / Timer kit. The other lead of the speaker is connected to ground. Next, I connected the speaker output of an AM radio tuned to 780 to the normally open relay connection. Finally, the speaker output of an FM radio tuned to the music station was connected to the normally close relay connection.

Then, I programmed alarm 1 of the Morse Watch / Timer kit with the following settings:

|            |       |
|------------|-------|
| ALARM      | 1     |
| ON? OFF?   | ON?   |
| HOUR?      | 0     |
| EVHR? NOR? | EVHR? |
| MIN?       | 25    |
| DUR? NOR?  | DUR?  |
| HOUR?      | 0     |
| MIN?       | 2     |

The duration is set to 2 minutes as that's how long the reports usually last.

Then, alarm 2 is programmed with similar settings:

|            |       |
|------------|-------|
| ALARM      | 2     |
| ON? OFF?   | ON?   |
| HOUR?      | 0     |
| EVHR? NOR? | EVHR? |
| MIN?       | 55    |
| DUR? NOR?  | DUR?  |
| HOUR?      | 0     |
| MIN?       | 2     |

Finally, I programmed alarm 3 with a special one time alarm at 12:05 for Len Walter's report just after the noon news report.

|            |      |
|------------|------|
| ALARM      | 3    |
| ON? OFF?   | ON?  |
| HOUR?      | 12   |
| EVHR? NOR? | NOR? |
| MIN?       | 5    |
| DUR? NOR?  | DUR? |
| HOUR?      | 0    |
| MIN?       | 2    |

This setup then allows me to normally listen to music during the delay but then automatically switch to the business report twice an hour for a couple minutes and then switch back to music. This way I don't have to listen to endless repetitive news stores just to catch a couple minutes that I'm interested in (business report).

Best Regards,

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