Video Script

Song Meter Micro Schedule Editor (Part 2)

Welcome to Wildlife Acoustics.

This video will show how to build a complex customized recording schedule for the Song Meter Micro Recorder. I've selected the Record birds and frogs 24 hours a day preset schedule. I'll use that as the starting point for my custom recording schedule.

The first modification I'll make to the 24-hour preset schedule will be to shorten the recording time each day. I'll set the Start Time to 7 AM and the End time to 6PM. Now the Song Meter Micro will record continuously from 7AM to 6PM, every day.

Let's try something a little more complex.

I'll set the Start Time to Sunrise minus 1 hour. I'll set the End Time to Sunset plus one hour. The start and end times will now change each day based on the location and date programmed into the recorder.

Ok, let's bring in the duty cycle. I'll set the cycle to on for 1 minute and off for 9 minutes. Now the recorder will make 1-minute recordings every ten minutes from one hour before sunrise to one hour after sunset.

I'll modify the end time of this schedule block to sunrise plus 2 hours.

So far, this schedule is only using a single schedule block. However, it is possible to have multiple schedule blocks in a single recording schedule. Press this button to add or delete a schedule block.

I'll press the button and add a new schedule block. In this new schedule block, I'll set the start time to Sunset minus 2 hours. I'll set the end time to sunset plus one hour and I'll set the cycle to record on for 30 minutes and off for 30 minutes. Now I have two schedule blocks, which each run every day, but at different times of the day. The early schedule block will record for one minute every ten minutes starting an hour before sunrise until two hours after sunrise each day. The later schedule block will record for half an hour on and half an hour off starting two hours before sunset each day.

By default, a schedule block is set to repeat each day. So far, these two schedule blocks are set to run every day until either the batteries run out or the memory card is full. And remember, I can check those dates in the Estimate Battery and Card Life window.

It is also possible to assign a unique Date Range to each schedule block. To add or remove a Date Range for a schedule block, press this button. A Date Range has a Start Date, an End Date, and an available Duty Cycle.

Different schedule blocks can run in different date ranges. Multiple schedule blocks can overlap and run within the same date ranges. This allows for highly flexible recording strategies.

I'll add a date range to the first schedule block. By default, the newly added date range is set to run all year. That's pretty much the same thing as just running the schedule block in daily mode without a specified date range. I'll customize the date range. I'm programming this schedule in early January and I'd like to run my dawn and dusk schedule until April 14. So I'll set the Start Date to January 10th and

the End Date to April 14. I'll do this for schedule block #1 and I'll set the same date range for schedule block #2.

Ok, now I'll add a third schedule block. I'll set the start time to sunrise and the end time to sunset. I'll leave the duty cycle on always. For this new schedule block, I'll add a date range which starts on April 15. For the end date I'll set next December 30. And now for the date range duty cycle, I'll set the schedule block to run one day one and two days off. Now the recorder is set to run the dawn and dusk segmented schedule blocks until April 14. On April 15 the new schedule block will start running continuously from sunrise to sunset, but only once every three days.

Because I'm editing the recording schedule in the Paired Configuration Editor screen of the Configurator app, any changes I make here update the paired recorder immediately. If I'd like to save this recording schedule for later use, I can press the Save button. I'll name this configuration and it is now saved to the Configuration library. The Load button allows me to select and load a saved configuration file, with its recording schedule, directly into a paired Song Meter Micro recorder. I'll go to the Configuration Library screen, where I can share the file for collaboration, further analysis, and archiving. And if I want, I can edit the file and its schedule directly in the Configuration Library Editor screen.

These are a few examples of your options when building a custom recording schedule for the Song Meter Micro Recorder.

Thank you for watching.