

SAW Series Analog Clock V2.2

The secondary clock shall be a Sapling SAW Series Wi-Fi clock. It shall be an analog clock with a black hour hand, a black minute hand, and a red second hand. The clock shall receive time data from an NTP or SNTP server or from a Sapling SMA Series Master Clock. Time data shall be received by the clock via 2.4 GHz 802.11 b/g/n Wi-Fi. The clock settings shall be adjustable through a web interface that can be accessed by a web browser, such as Google Chrome. It shall be capable of downloading software updates from a Sapling web server, and it shall be capable of interfacing with Sapling's Direct Loader computer application. Settings for the clock shall include Daylight Saving Time, Network Settings, and a list of up to 5 NTP sources. The clock shall have a microprocessor-based movement that shall require fewer than 5 minutes to perform a correction of the hand positions. The clock will be either battery operated, 24 V, 110 VAC, or 230 VAC. The clock shall have a low profile, smooth surface ABS case, which may be mounted to a standard-sized gang box. The case shall be designed such that they will fit within Sapling's wood or aluminum round clock housings. The clock case shall be available in round cases with diameters of 9" (23 cm), 12" (30 cm), or 16" (40 cm), or square cases with widths of 9" (23 cm) or 12" (30 cm). The dial is to be made of durable PVC material. The crystal is to be made of shatterproof, side-molded polycarbonate. The clock shall be UL and cUL listed, and FCC compliant.