TTL/RS232 Guidelines

Note: All AP-22s use RS-232. Some CPR-2102s use TTL and others use RS-232. Here is how you can figure out which protocol your board uses:

1. **STICKER** - Look at the sticker beneath the COM PORT on the faceplate. If the sticker has a red "R", it is equipped for RS-232.

2. **JUMPER** - Look for the white jumper on the circuit board near the RTC logo. If your board has the jumper, it can be used with TTL or RS-232, depending on the jumper pins used.

3. **BOARD REV / DATE** - If checking for a sticker or jumper doesn't help determine the protocol, locate the board rev letter on the silk screening / raised lettering & purchase date.
   - Board Rev A-K = TTL exclusive; Board Rev L – N = both; Board Rev P (labeled A & B, purchased Q3 2015 – present) = RS232 exclusive.
   * Note: some older board revisions have been updated to RS-232 and should have a sticker on the faceplate with a red "R" (See#1) as well as the jumper (#2).