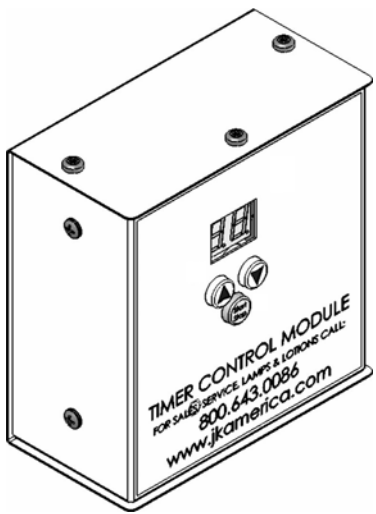
JK GLOBAL SERVICE

Ergoline soltron SUN|DASH

OPERATING INSTRUCTIONS
INTELLITAN TIMER CONTROL MODULE

USA

Intellitan Timer Control Module OPERATING INSTRUCTIONS



USA

Dear Customer,

Your Tanning Device is equipped with an Intellitan Timer Control Module. This device is used to regulate the operation and maximum tanning time of your tanning device and is required for it to function.

Additionally, it will allow for your tanning device to be operated by a controller on a digital network. This includes controllers that communicate using either Intellitan or T-Max® communications protocol and is also compatible with most third-party controllers that support contact closure.

If you so choose, you may also connect this device via a wireless network. In such an application, the use of an AP900 OEM wireless module (JK part number 0034002617) will be required.

For your safety, and to ensure proper operation of your equipment, please read and observe all instructions contained in this and other manuals for your tanning equipment.

Observe any legal regulations and requirements pertaining to the operation of this device, including environmental considerations.

NOTE:

We reserve the right to make technical changes to the illustrations and specifications in this instruction manual. Reprinting, reproduction, or modification of this document, in whole or in part, is only permitted with prior written approval and citation of the source.

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NOTE:

This timer is designed for use with the following tanning units:

Ergoline Sun Angel S52
Ergoline Sun Angel S46

Ergoline Inspiration 450
Ergoline Inspiration 400

Ergoline Sunrise 480
Ergoline Sunrise 420

Ergoline Flirt Series
Ergoline Passion Series
Ergoline SunDash Series

Soltron S-55 Queen Berry
Soltron S-50 Peach Party

Soltron V-55 Big Apple
Soltron V-50 Citrus City

Soltron XS Series
Soltron XXS Series

USA

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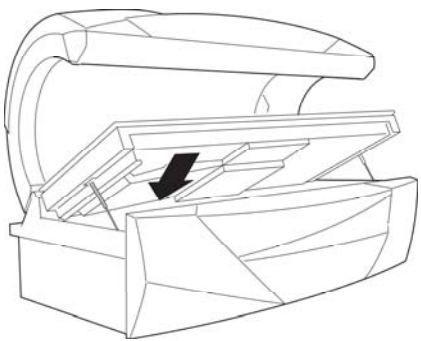
Global Service Division
#1 Walter Kratz Drive
Jonesboro, Arkansas 72401

☎800-445-0624
870-935-9046

e-mail: support@jkamerica.com

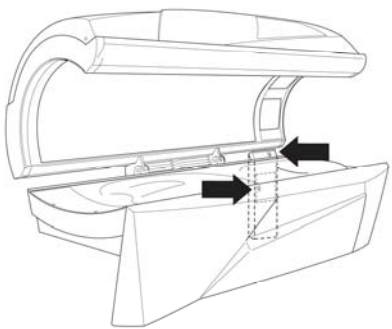
USA

Depending on your type of unit, the Intellitan Timer Control Module is located in the one of the following locations:



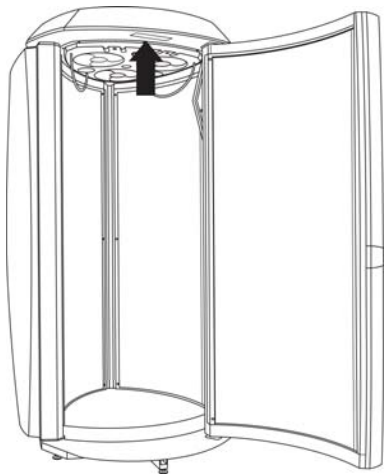
Ergoline Sun Angel
Ergoline Inspiration Series

Soltron S Series



Ergoline Passion Series
Ergoline Flirt Series
Ergoline SunDash Series

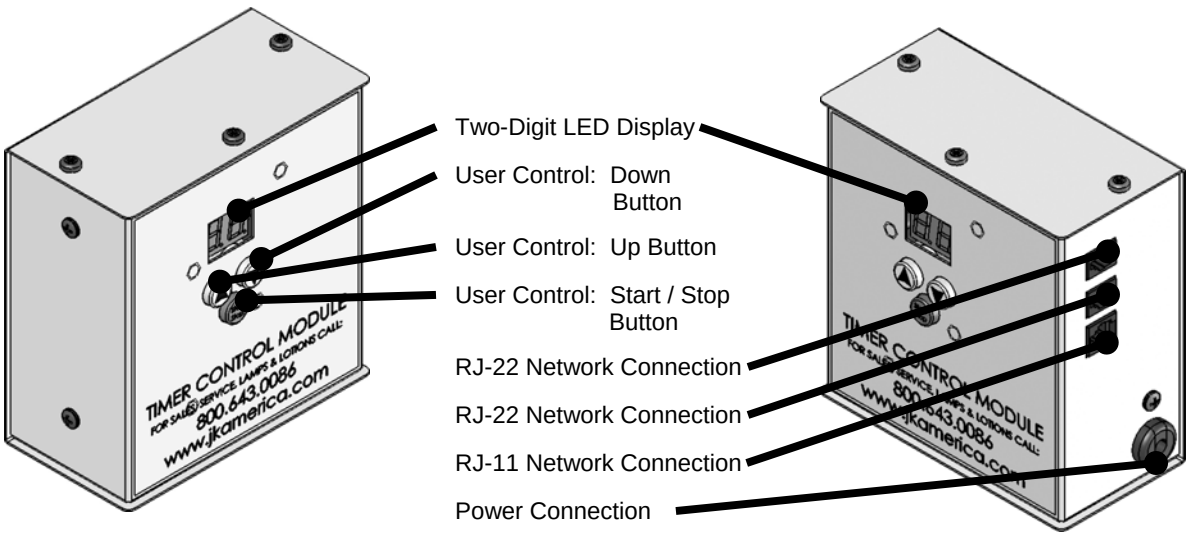
Soltron XS Series
Soltron XXS Series



Ergoline Sunrise Series

Soltron V Series

USA


Two-Digit LED Display
User Control: Down Button
User Control: Up Button
User Control: Start / Stop Button
RJ-22 Network Connection
RJ-22 Network Connection
RJ-11 Network Connection
Power Connection
TIMER CONTROL MODULE
FOR SALES, SERVICE, LAMPS & LOTIONS CALL:
800.643.0086
www.jkamerica.com

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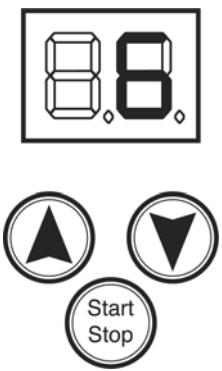
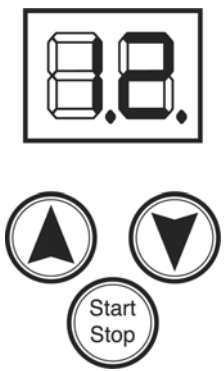
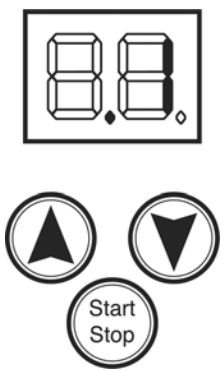
When first powered on, the timer will display information regarding its operational status and current settings.



Indicates version of software on the timer

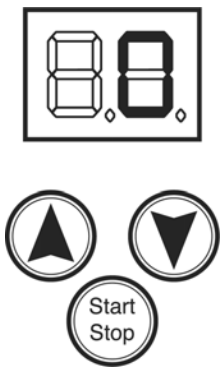


Indicates timer's maximum tanning time.

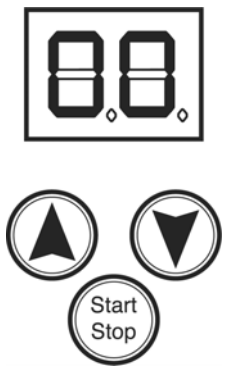


Indicates current setting of station address. (see Page 13)

USA



Indicates timer is operating in Intellitan mode. (see page 23)



Indicates timer is operating in T-Max® mode. (see page 24)

NOTE:

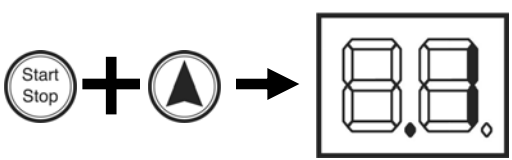
Please consult your owner's manual for instructions on accessing the internal components of your tanning unit.

USA

To set parameters on your timer:

IMPORTANT:

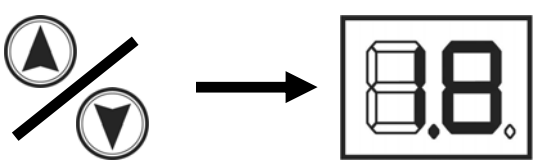
Your timer must first be disconnected from the network controller before parameters can be accessed and their values changed.



With the tanning unit powered on, press and hold the **START/STOP** and **UP** buttons until .1 appears on the display (5-6 seconds) then release.

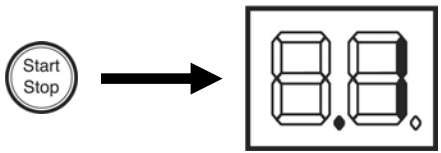
NOTE:

For Timers located internal to the tanning system, the bench must be closed for the timer to receive power.

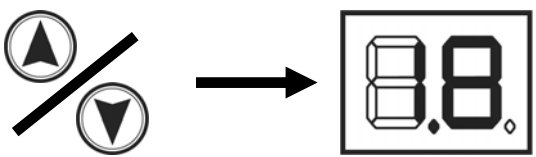


Press the **UP** or **DOWN** button on the timer until the parameter you wish to edit is reached. (See page 19 for parameter list)

USA



Press **START/STOP**. The current value of the parameter will begin flashing on the display.

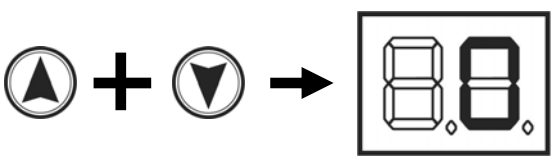


Press the **UP** or **DOWN** button until the desired value for the parameter is displayed.

Press the **START/STOP** button to exit the parameter.

USA

Press the **UP** or **DOWN** button to view/edit additional parameters.



To exit Parameter Mode, press and hold the **UP** and **DOWN** buttons together until the period goes away. The timer will restart.

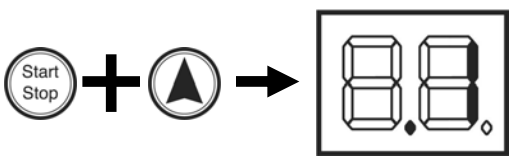
Setting the Station Address

USA

To set the station address on your timer:

IMPORTANT:

If not already editing parameters, your timer must first be disconnected from the network controller before parameters can be accessed and their values changed.

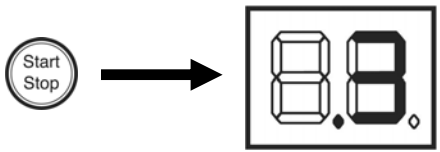


With the tanning unit powered on, press and hold the **START/STOP** and **UP** buttons until .1 appears on the display (5-6 seconds) then release.

NOTE:

For timers located internal to the tanning system, the bench must be closed for the timer to receive power.

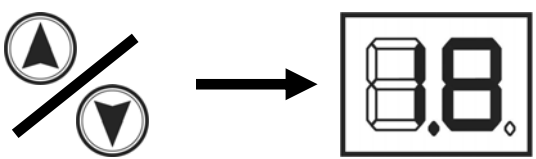
USA



Press and release the **START/STOP** button. A period, number (i.e. .3) or number, period number (i.e. 5.2) will be illuminated with the number flashing.

NOTE:

Press the UP button to reach the desired address. The center period will flash rapidly if the address is over 99. For example, if the display shows a 0.2 with the period flashing, this is address 102. The highest possible value is 254.

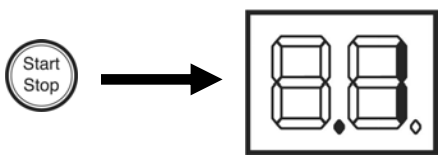


Press the **UP** or **DOWN** button until the desired address (room number) is displayed.

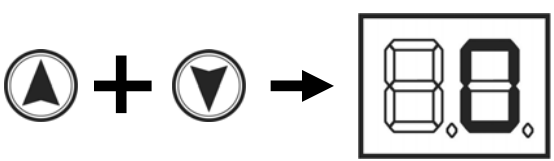
USA

NOTE:

For Timers located internal to the tanning system, the bench must be closed for the timer to receive power.



Press the **START/STOP** button to exit the parameter. A .1 will be displayed, with the 1 not flashing.



To exit Parameter Mode, press and hold the **UP** and **DOWN** buttons together until the period goes away. The timer will restart.

OR

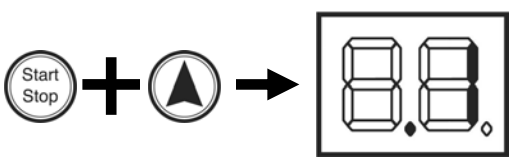
Press the **UP** or **DOWN** button to continue to the next parameter you wish to edit

USA

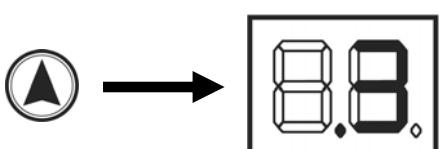
To set the session delay on your timer:

IMPORTANT:

If not already editing parameters, your timer must first be disconnected from the network controller before parameters can be accessed and their values changed.



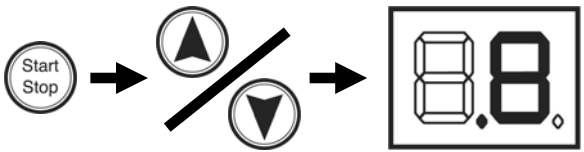
With the tanning unit powered on, press and hold the **START/STOP** and **UP** buttons until .1 appears on the display (5-6 seconds) then release.



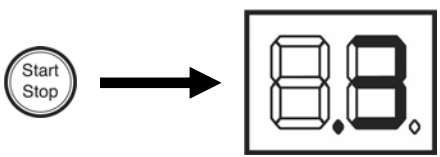
Press the **UP** Button until .3 is displayed.

Setting the Session Delay

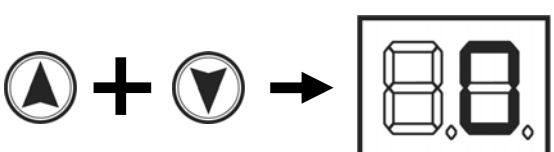
USA



Press the **START/STOP** button then the **UP** or **DOWN** button accordingly to change to the desired value.



Press the **START/STOP** button to exit the parameter. A .3 will be displayed, with the 3 not flashing.



To exit Parameter Mode, press and hold the **UP** and **DOWN** buttons together until the period goes away. The timer will restart.

OR

Press the **UP** or **DOWN** button to continue to the next parameter you wish to edit

USA

NOTE:

The Digital Controller (or, if connected, the software on your PC) controls the Session Delay when operated in T-Max® mode.

List of Parameters

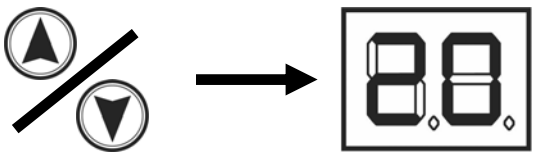
USA

The following chart is a list of parameters and their possible values.

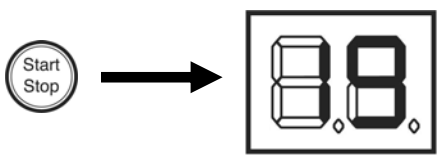
Parameter	Description	Max #	Default	Values
1	Address	255	254	Station address of timer (each tanning system must have a unique address) (Min value: T-Max = 1 Intelitan = 0)
2	Beep Mode	1	0	Used for High Power beds. 0=Alarm only, 1=Alarm and Flip
3	Session Delay Time	5	0	Session delay after which time the tanning system will turn on automatically
4	Current Sense	1	0	For the Sentry™ Option. 0=Disabled, 1=Enabled.
5	Session Counts	65535	0	Total session counts (number of times the tanning systems has been turned on/off)
6	Lamp Hours	65535	0	Lamp hours for each bed.
7	Bed Hours	65535	0	Number of hours the tanning system has been operating.
8	Manual Session Counts	65535	0	Counts the number of sessions the timer has ran.
9	Clean Room	1	1	0 = Clean Room Disabled, 1 = Enabled
10*	Manual Lockout	1	0	0 = Stand Alone Enabled, 1 = Disabled
11	--	--	--	Not Used
12	--	--	--	Not Used
13	Cool Down Mode	10	0	0 = Disabled, 1-10=Enabled. Time delay in minutes allowing bed to cool.
14	--	--	--	Not Used
15	Fixed Session Counts	65535	0	Counts number of sessions ran through the T-Max® 3A. This value cannot be changed at all. Used as point of reference.
16	--	--	--	Not Used
17	Clean Clear Source	1	0	0 = Press and hold the Up button for 3-4 seconds to clear the clean room. 1 = Press and release the Up button to clear instantly
18	Redisplay	2	0	0 = After a session ends and the clean room is cleared, the timer will show a 0. 1 = After session ends and the clean room is cleared, the timer will show the last session time entered. 2-10 = After the session ends and the clean room is cleared, the max. time will show on the timer.
19	TPI Feature	1	0	0 = Configured to operate via Intellitan or T-Max protocol. 1 = Configured to operate via a Third Part Controller (will accept contact closure)
20	External Speaker	1	0	0 = Speaker on timer, 1 = External Speaker will be used.
21	Pause time	1	0	0 = When tanning system is paused, session time will continue to count down. 1 = When tanning system is paused, session time will not count down.
22	Auto bed shutoff	1	0	0 = tanning system will stay on when intercom is active. 1 = tanning system will shut off and go to pause mode if intercom is active.
23	--	--	--	Not Used
24	--	--	--	Not Used
25	Clean Clear from Start	--	--	0 = Disabled 1=Clean Clear may be acknowledged from tanning unit's Start button
26	--	--	--	Not Used
27	Communications Protocol	1	0	0 = Intelitan 1=T-Max
28	--	--	--	Not Used

USA

To set time and start the tanning unit for units with a end-user accessible timer:



With the timer and tanning unit in stand-by mode, press the **UP** or **DOWN** button until the desired (or maximum) exposure time is displayed.



Press and release the **START/STOP** button. Once the delay time has expired, the time will begin to count down until the session has expired or is paused.

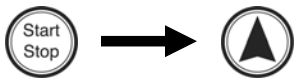
A tanning session may be paused by pressing the **START/STOP** button once.

NOTE:

If your network is controlled by a T-Max® Manager, time may continue to count down even if paused. For more information on continuous count-down, please see your T-Max® owner's manual.

USA

To cancel a tanning session:

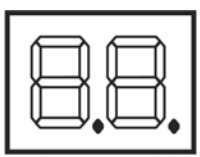


Press the **START/STOP** button to pause the unit followed by the **UP** button.

USA

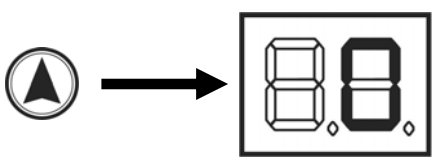
Using the Clean Room Feature:

The Intellitan Timer Control Module is capable of displaying if the tanning unit has not been reset to acknowledge cleaning. This feature can be enabled by changing parameter 9 to a value of 1 (see page 10 for instructions).



When activated, the unit will display two periods after the session expires unit it is reset.

To acknowledge and reset the Clean Room Feature from the timer:

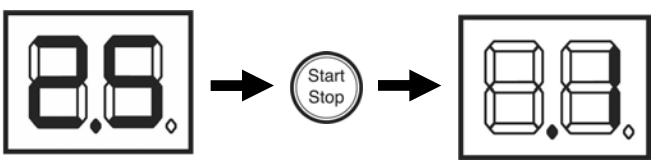


Press and Hold the **UP** button until the display returns to 0 (or 00).

USA

To acknowledge and reset the Clean Room Feature from the tanning unit's display:

The Intelitan Timer Control Module is capable of accepting a signal acknowledging cleaning from the tanning unit. Prior to accepting the reset signal, the timer's parameters must be set to receive the signal from the tanning unit.

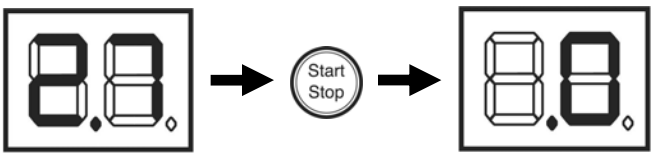


Please follow the instructions for setting parameters (page 10) and set parameter 25 to a value of 1 to enable this feature.

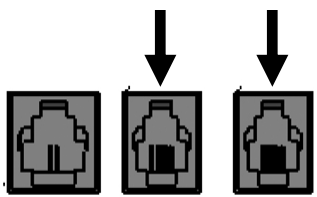
Press and Hold the **START/STOP** button on your tanning unit for 5 seconds.

USA

To connect your timer to a Inlitan-based network:



Follow the instructions for setting station address (page 13) to the appropriate room number and parameter 27 to 0 (page 10).



Connect your network cable to either of the RJ-22 ports located on the timer.

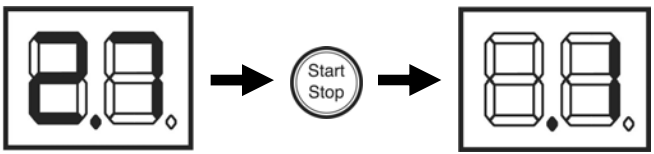
Rescan your network controller; your tanning system should now be detected.

NOTE:

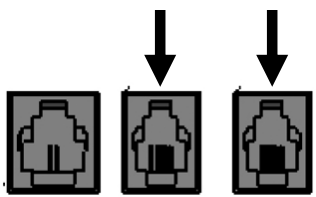
Refer to the User's Guide for your Digital Controller regarding operation.

USA

To connect your timer to an T-Max®-based network:



Follow the instructions for setting station address (page 13) to the appropriate room number and parameter 27 to 1 (page 10).



Connect your network cable to either of the RJ-22 ports located on the timer.

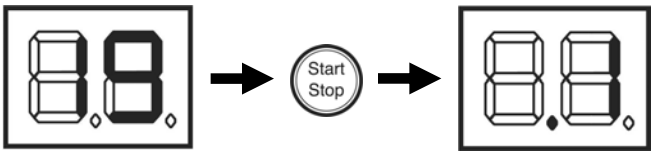
Rescan your network controller; your tanning system should now be detected.

NOTE:

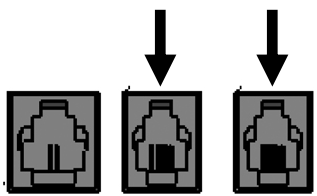
Refer to the User's Guide for your Digital Controller regarding operation.

USA

To connect your timer using TPI Mode:



Follow the instructions for setting station address (page 13) to 0 and parameter 19 to 1 (page 10).



Your network cable must be configured to use the two left most pins in the clip for contact closure.

Connect your network cable to either of the RJ-22 ports located on the timer.

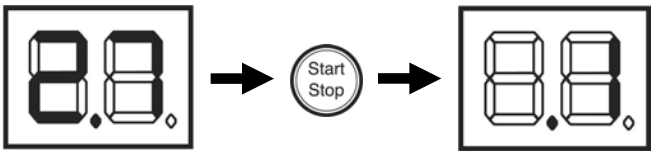
Your unit should now start when time is sent.

NOTE:

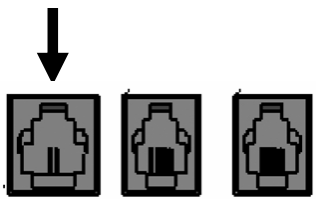
Refer to the User's Guide for your Digital Controller regarding operation.

USA

To connect your timer using a Wireless Adaptor:



Follow the instructions for setting station address (page 13) and parameter 27 to 1 (page 10).



Remove the blank clip from the larger RJ-11 port on the side of the timer. Connect your AP900 OEM Wireless antenna's network cable to the port. (JK Part # 003402617)

Rescan your network controller; your unit should now be detected.

NOTE:

Refer to the User's Guide for your Digital Controller or wireless module regarding operation.

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