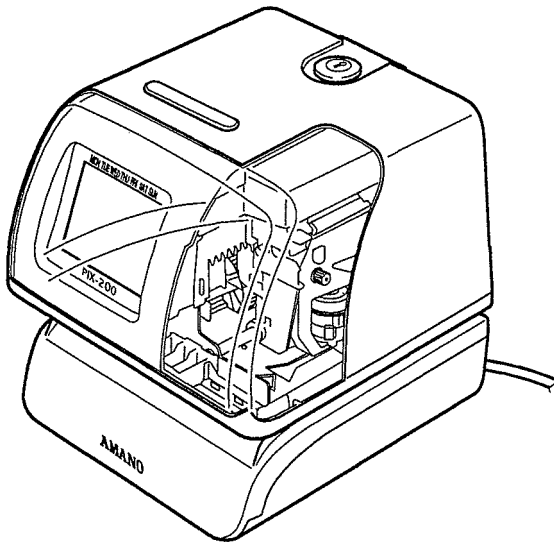


# PIX-200

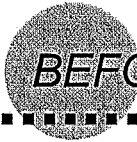
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## Option Manual (Time Signal)



**AMANO®**





# BEFORE YOU START .....

Before attempting to use the PIX200 time recorder/stamp option, please carefully review this section, which covers Specifications and Accessories.

## Specifications

The following describes the specification of Time Signal.

### TIME SIGNAL

ITEM	SPECIFICATION
Name of PCB	PXR
Contact Output	Dry Contact Output (Normal Open)
Contact Configuration	Single Circuit
Contact Voltage Rating	250VAC 3A or less, 30VDC 3A or less
Contact Life	300,000 cycles (Rated Load Open Close frequency 1,800/h)
Program numbers	1-20 (20 Steps)
Duration	00-59 seconds (Default is 5 seconds)
Ambient Temperature (w/full power reserve battery)	-10°C to 45°C (14 deg F to 113 deg F) (0°C to 40°C (32 deg F to 104 deg F))
Ambient Humidity	10% to 90% RH (non-condensing)
Environment	Indoor use only. Keep out of direct sunlight.

## Accessories

The following accessories are provided for PIX-200 Option as standard. After unpacking, please make sure that all of the accessories are provided.

### TIME SIGNAL KIT

- a) Time Signal PCB with flat cable
- b) Cable Tie
- c) Signal Seal for front panel (B SEAL) and Program Seal for top label (A SEAL)
- d) This Option Manual



# CONNECTING THE OPTION .....

Make sure the power is unplugged while you connect the wires to the option PCB.

Once you finish connecting the wires, put the back plate and cover on and plug in the power to check if you see the regular display on the LCD display.

## Materials Required

1. This Option Manual.
2. The PIX-200 Operation Manual.
3. Small flathead screwdriver for inserting wires into the time signal terminal block.
4. Signal Seal for front panel (B SEAL) and Program Seal for top label (A SEAL).
5. Time Signal Wire

## Connecting SIGNAL Wires



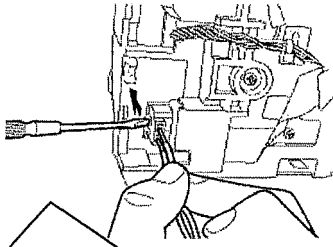
**WARNING:** To avoid electric shock, be sure to disconnect the unit from its power supply. (Both AC power cord and full power reserve batteries)



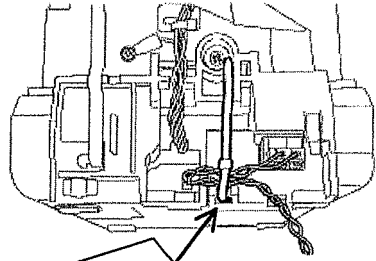
**FCC WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1. Unplug power from the outlet.
2. Disconnect full power reserve batteries.
3. Unlock the cover using the key and remove the cover.
4. Remove the back plate. In case of wall mount type, remove the back plate and detach the unit from the wall. (Refer to PIX-200 operation manual 'Wall Mounting')
5. Disconnect the power plug from the unit.

6. Connect the SIGNAL Wires into the terminal block and use the cable tie to secure the wires in place.

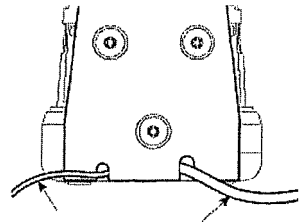


Press the orange protrusion of the terminal block downwards using a small flathead screwdriver when inserting the wires.



In order to feed the wires through the hole of the back plate, secure the wires using the cable tie as shown above.

7. Plug the power plug which you have disconnected at step 5. Feed the power cable of AC power through one of the hole and the Time signal wires through the other hole and attach the back plate until the tab is fully inserted. (Refer to PIX-200 operation manual 'Wall Mounting' if the PIX-200 is wall mounted)



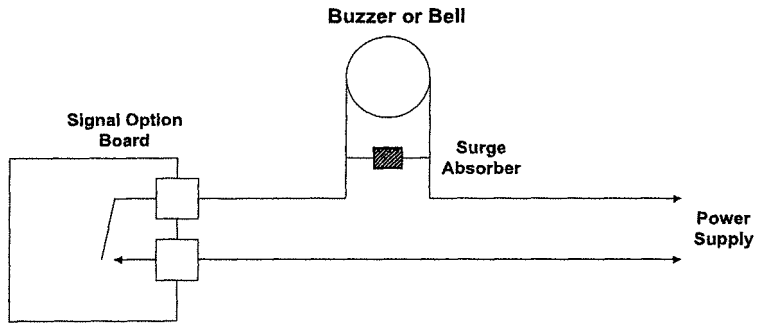
Power cable

Signal Wire

- 8. Attach the Signal Seal for front panel (B SEAL) and Program Seal for top label (A SEAL).
- 9. Put the cover on and plug in the power to check if you see the regular display on the LCD display.
- 10. Reattach the full power battery.

# Wiring Diagram of Time Signal

To prevent malfunction due to noise, be sure to connect a surge absorber as shown below.





# SETTING THE TIME SIGNAL .....

Make sure the power is plugged in while you make changes on the settings.

Once you finish changing the settings put the cover on to exit from the set up program mode and return to normal operation mode.

## Setting the Program (20 steps)

1. Unlock and remove the cover.

Press (+) and (E) button at the same time for 2 seconds.

The "set up program" display will appear. Press the (+) button twelve times to position the "▲" at the sixth from the upper right corner.

2. Press (E) button and you will see "P1 Prog SignAL" display.

You can set the program up to 20 steps. Press (E) button to start setting.

3. While the program number is blinking, adjust the program number by pressing (-) and (+) button. Press the (E) button to confirm the program number.

4. While the Hour display is blinking, adjust the hour using (-) and (+) button. Press the (E) button to confirm the hour.

5. While the Minute display is blinking, adjust the minute using (-) and (+) button. Press the (E) button to confirm the minute.

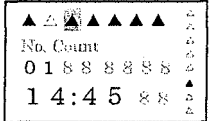
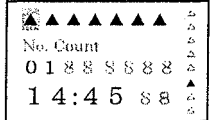
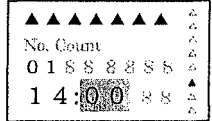
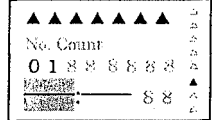
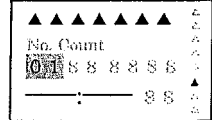
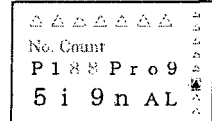
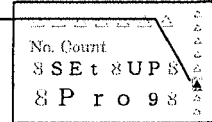
6. Once the time is confirmed, you can set the day of the week.

Press (+) button while the ▲ is blinking to make the day of the week valid. Press (-) button while the ▲ is blinking to make the day of the week invalid. Press (E) button once the setting is confirmed.

NOTE: The display on the right shows that the time signal will turn on at 2:45pm on Monday, Wednesday, Thursday, Friday, Saturday and Sunday.

7. You will return to "P1 Prog SignAL" display.

Blinking

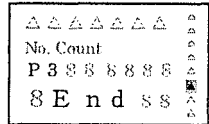
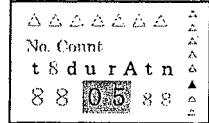
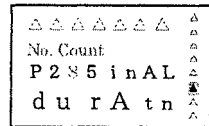


## Setting the Duration (from 00 to 59 seconds)

Once you set the program, you can set the duration of the signal.

You can select from 00 to 59 seconds.

1. Press (+) button at the "P1 Prog SignAL" display. You will see the "P2 SinAL durAtn" display.
2. Press the (E) button and you will see the "t durAtn" display where you can set the duration of the signal by adjusting the seconds using (-) and (+) button while the numbers are blinking.
3. Press the (E) button to confirm the duration and you will go to the "P3 End" display.
4. Press (E) button again to return to the "set up program" display.



NOTE: The default is set to 5 seconds.



# IMPORTANT SAFETY INFORMATION

The precautions stated on this option manual are categorized by the level and content of danger as follows. Please be sure to read this before using the product.



**WARNING :** This mark shows that there are possibilities that may cause an accident resulting in human serious injury or death if you handle the product incorrectly.



**CAUTION :** This mark shows that there are possibilities that may cause an accident resulting in human injury or property damage if you handle the product incorrectly.

- "Serious injury" includes loss of eyesight, injury, burns (of varying severity), electric shock, bone fracture, poisoning and other that have serious after-effects or any other injury that requires hospitalization and/or prolonged medical treatment.
- "Human injury" includes injuries such as burn injury and electric shock that does not require hospitalization and/or prolonged medical care.
- "Property damage" includes damages to house, household goods, livestock and pets.

## ● Safety Icons Used Throughout This Manual ●



Electric Shock  
Warning!

△ This symbol stands for Warnings and Cautions. The specific warning or caution is illustrated within the symbol.



DO NOT  
REMODEL

⊘ This symbol stands for prohibited action. The specific action prohibited is illustrated within the symbol.



UNPLUG  
THE PLUG!

● This symbol stands for essential requirements and mandatory actions. The specific action required is illustrated within the symbol.

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Important Safety Information

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Guidelines for Safe Operation

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# ***INTRODUCTION***

Thank you for purchasing the Time Signal option for PIX 200 from Amano. To ensure safe use of the option, be sure to thoroughly read this manual before use. After you finish reading this manual, be sure to store this in a safe place for future reference.

- Please note that specifications, appearance and description are subject to change without notice due to product enhancements.
- This manual has been prepared carefully in every detail, however, if you find any errors or unclear passages, please contact your local dealer.



# GUIDELINES FOR SAFE OPERATION . . . . .

To ensure safe operation, please carefully read the following warnings and cautions prior to using the PIX 200 Electronic time recorder/stamp option.

## WARNING



USE ONLY  
SPECIFIED  
VOLTAGE!

- Do not use with any power voltage other than the specified voltage. This may cause fire or electric shock.



DO NOT  
OVERLOAD  
THE SOCKET!

- Do not overload on a single socket. This may cause fire or electric shock.



NO WET  
HANDS!

- Do not touch the power plug with wet hands. This may cause electric shock.



PROHIBITED!

- Do not harm or damage any cords, such as power cord, etc. Also, note that putting a heavy object on them, pulling or bending them by force will likely damage the power cord, which may cause fire or electric shock.



DO NOT  
REMODEL!

- Do not remodel the unit. This may cause fire or electric shock.



UNPLUG  
THE PLUG!

- If any unusual status is found with the unit, such as smoke, strange odor, heating or other, immediately disconnect the power plug from the outlet and contact your local dealer for servicing. If you continue to use the unit, it may cause fire or electric shock.



UNPLUG !

- If any object (metal piece, water or other liquid) gets inside the unit, immediately disconnect the power plug from the power outlet and contact your local dealer for servicing. If you continue to use the unit, it may cause fire or electric shock.



UNPLUG !

- Unplug the power plug from the outlet before connecting the signal wire. Leaving them plugged in may cause fire or electric shock.





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