



Digitalized Management System for screw fastening

Product Introductions



AM-30

AM-45

AM-55

AM-65

AM-85

ASA ENTERPRISE CO.
2F., No.346, Sec. 6, Nanjing E. Rd.,
Neihu Dist., Taipei City 11470, Taiwan
Tel: +886-2-27900535
Fax: +886-2-27949952
Email: asaswdvr@ms16.hinet.net
Website: www.asa-tool.com

■ Special Thanks to our customer

Thank you for choosing ASA light and powerful electric screwdriver and AM Digitalized Management System for Screw Fastening (AM controller). To ensure the tool fully utilizes its maximum performance and extend its life, please read this manual before use.

-Table of Content-

General Safety Warnings	03
Read before use	04
Declaration of Conformity CE/Service	05
Product information	06
Operation	07
Troubleshooting	12
Assembly Drawing/Parts List	13

■ General Safety Warnings



WARNING: Read all safety warnings and all instructions.



Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.



Save all warnings and instructions for future reference.

■ Work area safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

■ Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool/its adaptor will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply for its adaptor. Use of an RCD reduces the risk of electric shock.

■ Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.
- Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.



Read before use:

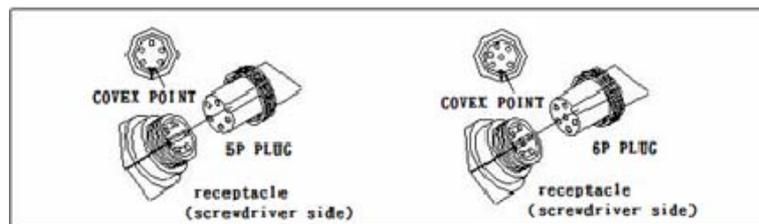
■ Please read the following notices before use:

• Set-up Notice

- The AM controller should be used in dry place indoor without the presence of dust and iron grindings.
- The AM controller should be positioned on a stable surface to avoid falling caused by vibration.
- The AM controller should be kept away from high voltage sources and noise generating sources to avoid electromagnetic interference.
- No objects should be placed on the top of the AM controller. Keep its surrounding clear to allow heat dissipation.

• Caution during the operation:

- Please use the power supply with AC circuit where overload relay is included.
- The plug of the power cord is attached with ground pin, which must be connected to the socket equipped with ground circuit to avoid electric shock.
- The plug of the power cord must be tightly plugged into the socket.
- For plugging and withdrawing the connecting cord of the AM controller and the screwdriver, please hold the plug, do not pull the cable to avoid short circuit of the internal cable.
- It is directional when you plug the connecting cord into the driver or the AM controller's socket. You have to insert it in powerfully when align with guiding point in the socket; then twist it to fix it on the driver or the controller. Thus it will reduce the occurrence breakage of connecting cord due to drag. Use the knob to fix the cable with the AM controller. Please see the picture below:



- Please do not suddenly switch between forward and reverse when the electric screwdriver is in operation.
- Please use the electric screwdriver with under 80% of the rated maximum torque to avoid inaccurate clutch escape (The rate maximum torque may vary with the flexibility of the fastened object). If you need to use over 80% of the rated maximum torque, please be advised to use the screwdriver with higher torque.

• Safety notice

- If notice smog, smell anything unusual, or hear any unusual noise from the AM controller, please stop using to avoid any hazard. Turn off the power immediately and contact your nearest sales agent after no more smog is found.
- Keep the two-stage switch in OFF position when the controller is not in use. Pull out the plug from the power source socket when the controller is not in use for a longer period.
- Our AM controller is for ASA electric screwdriver use only. Do not use it with other tools to avoid any hazard.
- Caution: Output terminal 5P-5P/6P-6P: needle NO: 1 is “-”potential and NO: 4 is “+” potential.

■ Declaration of Conformity CE

We (ASA Enterprise Corporation) declare under our sole responsibility that the products controller described under this manual are in conformity with the following Directives/ or standardization documents: Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU

■ Service

Have your controller serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the controller is maintained.

■ Warranty

We offer one-year free repair service with this product. The warranty is valid for one year from the date of purchase entered on the Product Information Form. Please note that this warranty policy does not apply to the circumstances listed below and we will charge for repair or labor cost if necessary.

- Expendable spare parts: relay, micro switch, and brake circuit.
- Improper use may cause internal discontinuity between the two ends (5P-5P/6P-6P) of the connector cord.
- The unit was not plugged to designated power source.
- Improper use or attempt to repair unit by user.
- Out of the warranty period or the user cannot present the manual.

■ Feature

- To prevent the occurrence of incomplete fastening work, strip and idling.
- To prevent any possibility of missing screws during the fastening operation.
- It is installed with screw counting and unit counting functions. Screw counting up to 60K units.
- The big LCD monitor shows you clear counting information.
- Green color on the monitor suggests OK fastening and red color on the monitor suggest NG fastening.
- You can easily connect AM-series to your automation equipment with standard input/output signals.
- Humanity operation interface where you can switch the languages between Chinese and English.

■ Specification

MODEL NO. ITEM	AM Controller				
	AM-30	AM-45	AM-55	AM-65	AM-85
Counting Range of Accumulative Fastening for work pieces	1-60000				
Range of Set Number of Fastening for a single work piece	1~99				
Setting Range of Number of Sample Fastening Time	1~99				
Range of Number of Memory/Calling-out of setting	10 / 10 set				
Range of Sampling Fastening Time	0.01~9.99 seconds				
Setting Range of Fastening Time Error	± 1~99 %				
Judgment	OK sound and green LED light on/NG sound and red LED light on				
Signal Output Mode	Dry Contact (no voltage contact signal)				
Input Voltage (VAC)	100~240 V、50/60Hz				
VDC Output Voltage (VDC)	20~30V	25~35V	9~15V	20~30V	20~30V
Output Voltage Setting	Stepless Control				
Output Pin	5P	5P	5P	5P	6P
Internal signal output	Switch signal/Shut off signal/work piece complete signal/OK fastening signal/NG fastening signal				
External signal input	Switch signal				
No. of Screwdriver per fastening manager	1 pc				
Power(W)	75 W	70 W	37.5 W	75 W	75 W
Applicable Model	BS-100F BS-200 BS-250 BS-300 BS-400 BS-450 BS-2000 BS-3000 BS-4000 BS-4000F BS-6000 BS-6500 BS-6800	ASA-2000/S ASA-3000/S ASA-4000/S ASA-4500/S	ASA-S1000M BS-S050 BS-S100 BS-100	ASA-S1000M ASA-S2000M ASA-S2500M ASA-2000M/S ASA-3000M/S ASA-4000M/S ASA-5600M ASA-7000/S ASA-8000/S	ASA-6000 ASA-6500 ASA-6800 ASA-7500
Dimension	172 x 84 x 61 mm				
Weight	450g				
AC cable length (m)	1.8 M				
Safety Approval	CB, CE, UL(CUL), FCC,KC, ROHS, REACH				
Accessories	Small screwdriver, 2P/4P terminal block(2pcs), AC cable				

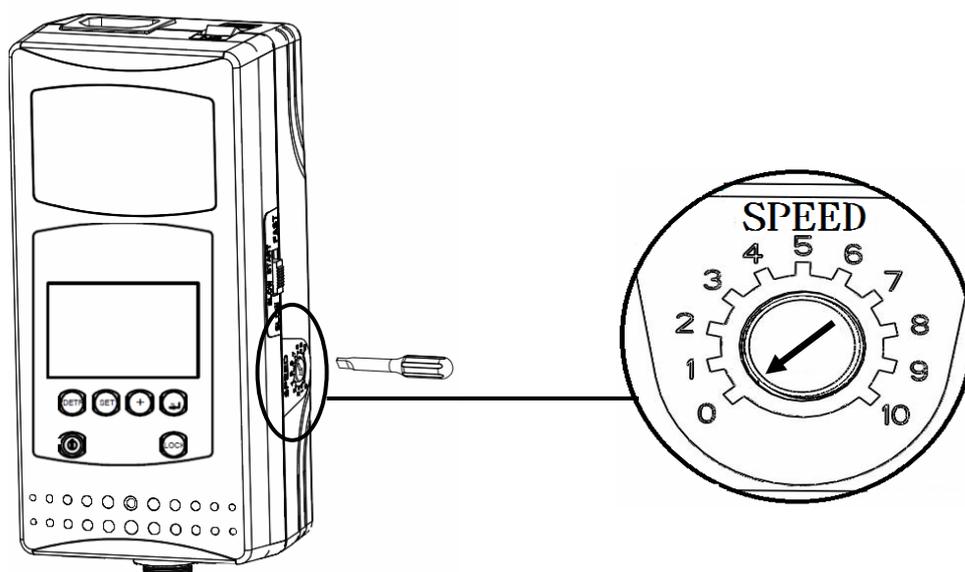
■ Parts and functions

• Speed setting

Turn the speed-setting screw through the hole on the side of the power supply with the small screw driver (standard accessory).

-Turn clockwise ↻ 0→10 on the scale to increase the speed.

-Turn counter-clockwise ↻ 10→0 on the scale to lower down the speed.

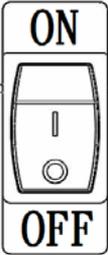
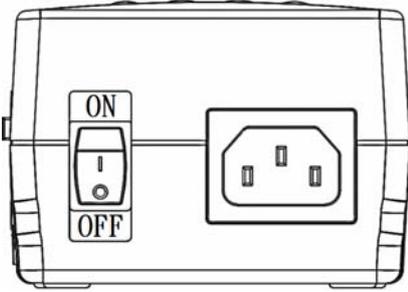
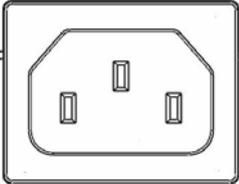


• AM screwing manager-Panel keys

AM Controller Key Name	Return to the operation page Key	Switch to the setting page Key	Selection Key
	Selection/Enter Key	Screen Lock Key	LCD ON/OFF key

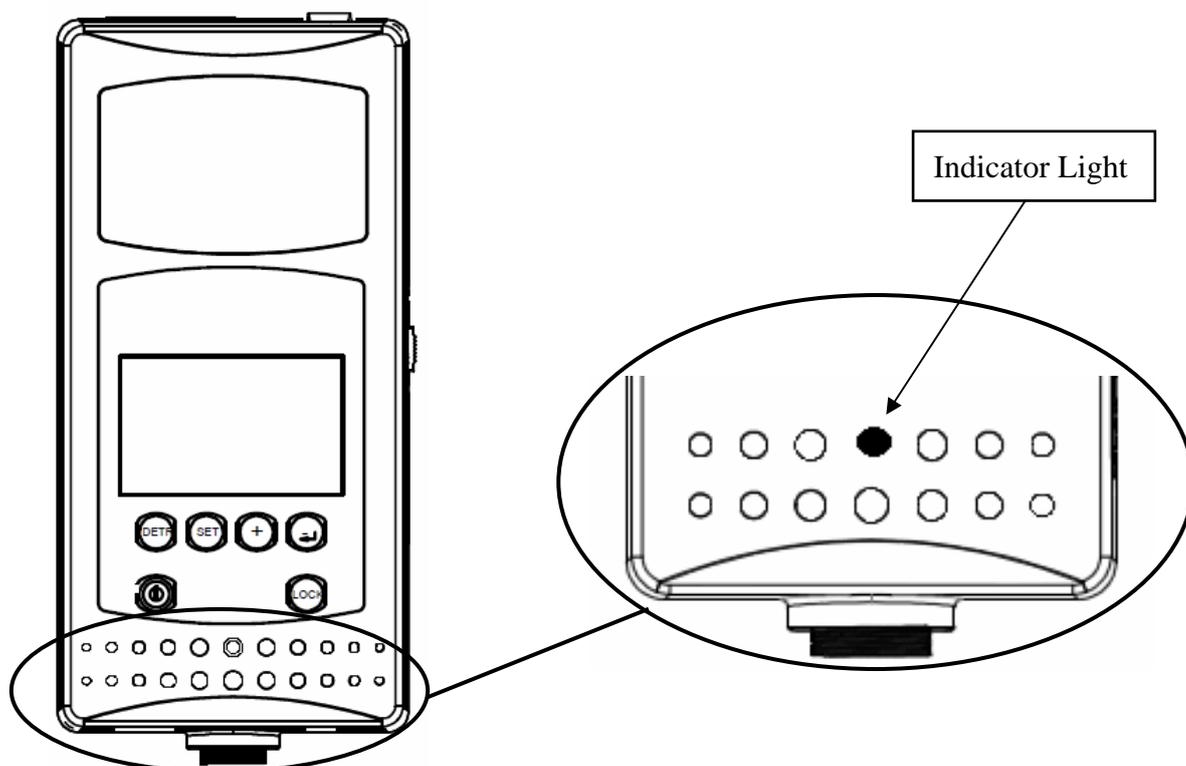
- **Power setting and AC input socket (C13 specification)**

- The input voltage of AM power supply is ranged between 100-240VAC, 50/60 Hz. Please make sure you use the correct voltage to avoid any damage to the power supply.
- Connect one side of the cable to the AC power socket and the other side to the electric socket (C13 specification) of the AM controller.
- Change the two-stage switch on the top of the AM controller by hand.
 - On mode, the power supply will be switched on.
 - Off mode, the power supply will be switched off.

Two-stage Switch	Top of the AM controller	AC input socket (C13 specification)
		

• Indicator Light

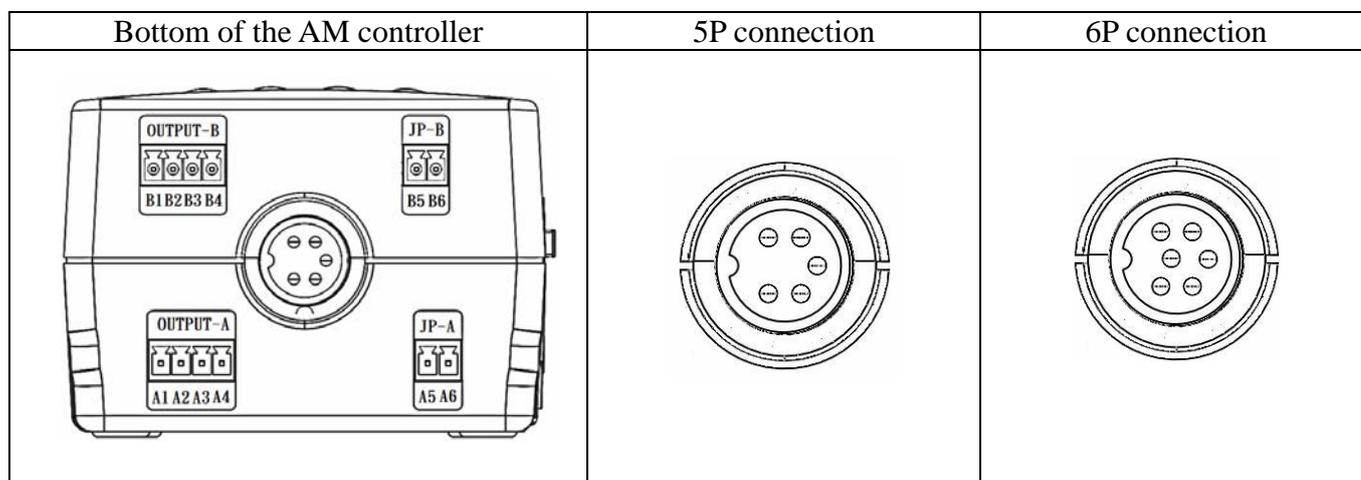
Item \ Model		AM-30	AM-45	AM-55	AM-65	AM-85
Green light	Switch-on					
	After switch on, flash orange light three times, then turn to green light	⊙	⊙	⊙	⊙	⊙
	Brakes					
No light	No DC voltage output	⊙	⊙	⊙	⊙	⊙
Flashing green	short circuit protection	⊙	⊙	⊙	⊙	⊙
	Over power protection	⊙	⊙	⊙	⊙	⊙
Red light	Brakes	⊙	⊙	⊙	⊙	⊙
Flashing red	heating protection (temperature set at 75~85 °C)		⊙	⊙	⊙	⊙



Operation

• Output (DC) Plug

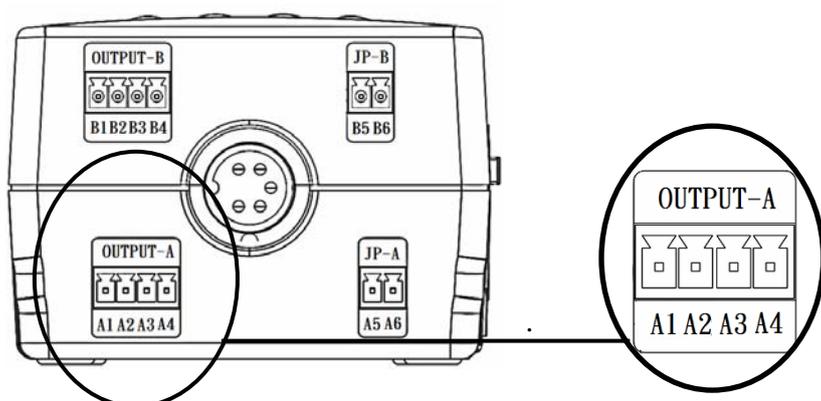
- Provide power to the electric screwdriver.
- Plug specification



• OUTPUT-A: Signal output terminal (see picture 1)

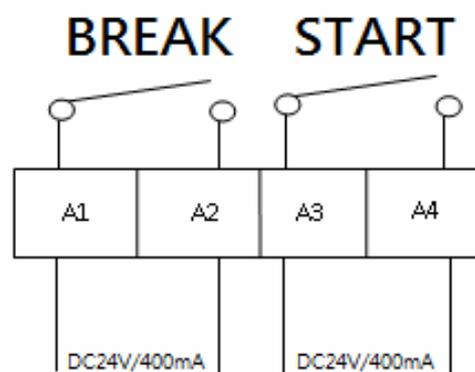
- A3 & A4: Switch on signal output. A3 and A4 will export no-voltage conduct signal when the electric screwdriver switched on.
- A1 & A2: Shut-off signal output. When the electric screwdriver has reached its set torque and stopped, no-voltage signal will be exported.

Picture 1



Picture2

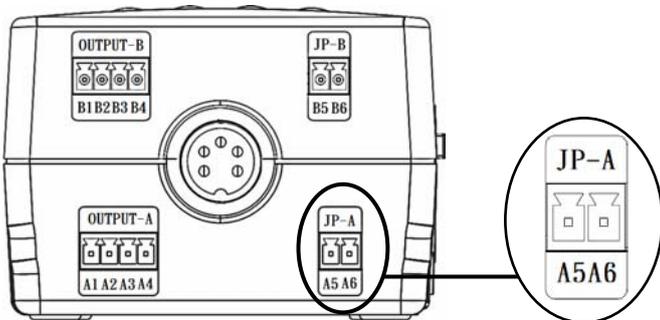
No-voltage conduct signal
high voltage specification: DC24V/400mA



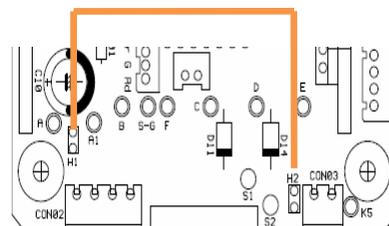
• JP-A : The JP terminal block for the external controller

- The connection between type AM-45/55/65/85 controller and the automation equipment via PCB: Connect H1 to H2. You can use external controller to control (see picture 2). This connection guideline is for automation ONLY.
- The connection between type AM-30 controller and the automation equipment : The JP-A can control from the external controller.
- A5、A6: Start signal for automation ONLY. Keep pressing the lever button.(Besides AM-30) Use the external controller to control the conduction and non-conduction between the AM controller and the electric screwdriver.(AM-30 can only work on co-rotating) (see picture 1)

Picture 1

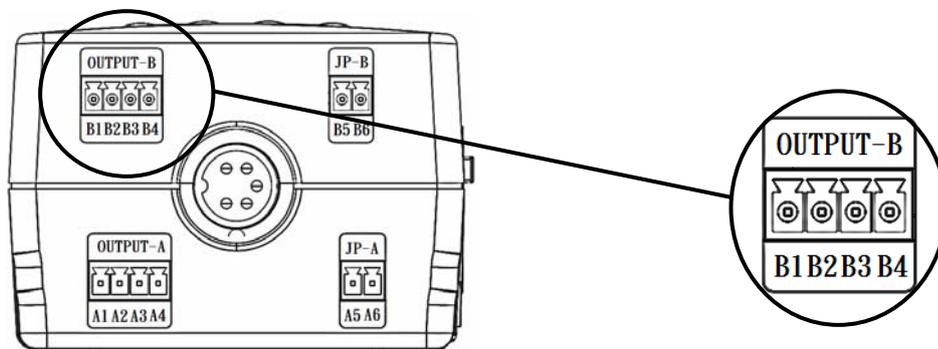


Picture 2



• OUTPUT-B: AM Controller signal output terminal block

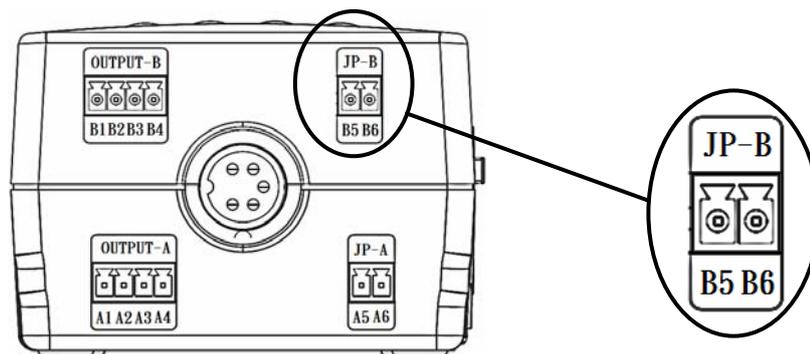
- OUTPUT-B Pin and corresponded output mode: completed fastening work for each unit (B1 & B4 conduction), well-fastened screws each time (B3 & B4 conduction), incomplete fastened screws each time (B2 & B4 conduction).



- JP-B: AM Controller terminal block for external control ONLY

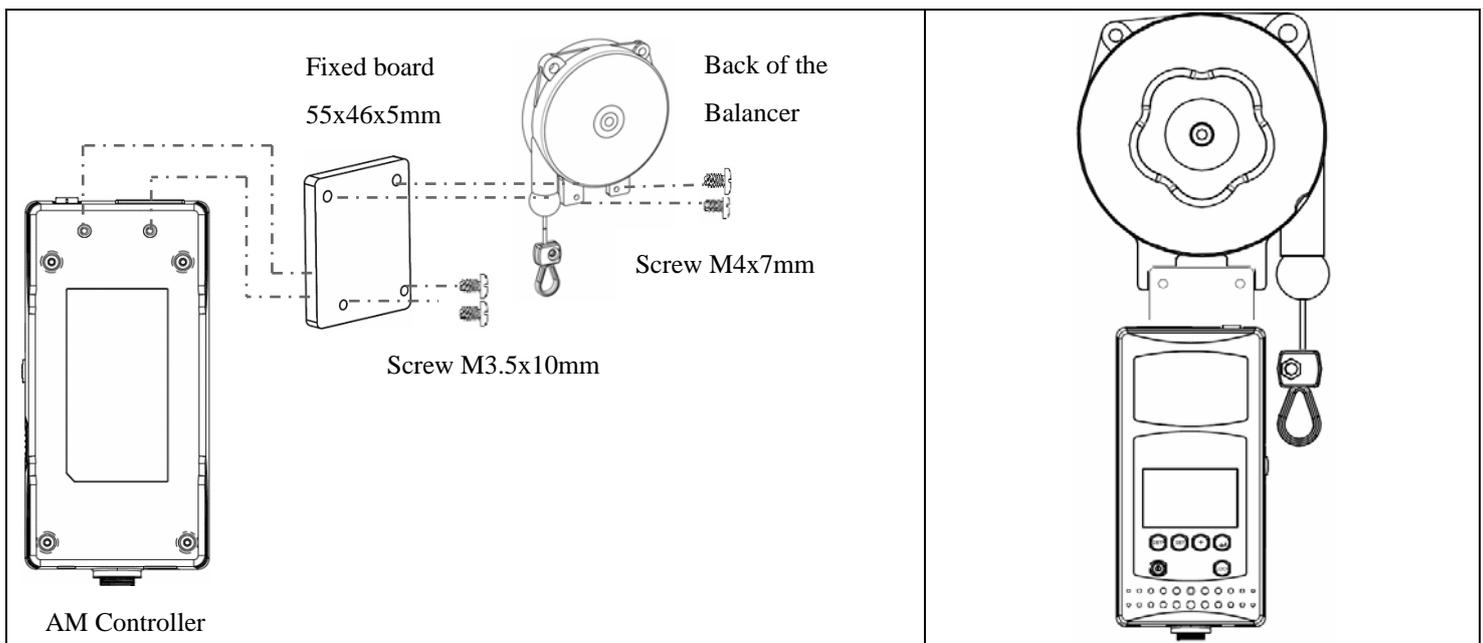
JP-B Pin and corresponding output mode:

- Under the mode WORK I/P, B5 and B6 should be conductive in order to operate. Both the AM controller and the external controller can be monitored by the operator at the same time. The signal of the sensor used in the production line can be delivered to the AM controller.
- When B5 and B6 are connected, the AM controller can work independently as a monitor.

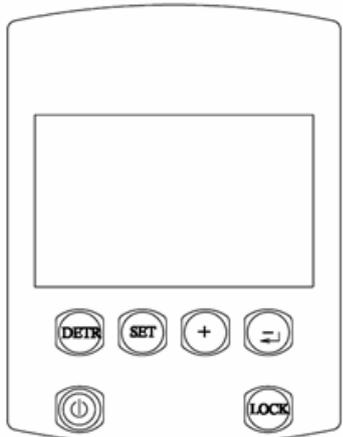


- Screw hole for the assembly of the AM controller and the balancer

- There are screw holes at the bottom of the AM controller which you can combine the controller with our SB-series balancer and the fixed plate (optional accessory) Please follow the instruction below:



ASA- The Operation Manual of AM Digitalized Management System for Screw Fastening

	Return to the operation page Key	Switch to the setting page Key	Selection Key
			
	Selection/Enter Key	Screen Lock Key	LCD ON/OFF Key
			

Screen	Screen Indication	Description and function of each displayed screen	Operation Guideline
1	▲COUNT WORK ▼ + OK: 0 0 / 1 + NG: 0 0 / 1	Screen 1 shows you numbers of OK or NG screw tightening for each unit during the operation. The reverse action will be counted as NG (three-way switch electric screwdriver ONLY).	<ol style="list-style-type: none"> 1. Connect the screwdriver to the AM controller with the 5P or 6P cable. 2. Plug into the electric socket (110V / 220V). 3. Turn on the LCD switch. 4. Screen (1) will display after 3 seconds. (Can jump to Step.7 if no need to erase the memory and change the language.) 5. Press LOCK for 3-4 seconds and screen (3) "MEMO CLEAR" will display. Press  to delete; press  to cancel and switch to screen (4) • 6. Screen (4) press    at the same time for 3-4 seconds. The language menu will display. The operator can choose the language.  to choose 「ENGLISH」 or 「CHINESE」,  to confirm and switch to screen(1). 7. Press  to enter setting mode on screen (5). 8. Enter the password     and the screen (6) will display. If you enter the wrong password, screen (1) will display. 9. Memo recall on screen (6). Press  to search the item you want to recall and press  to confirm. If you do not need to recall any item, press  to enter screen (7). 10. Every time you want to set the item or values, you have to clear all previous counting records to avoid repeated counting in the new item. Press  to enter screen (8)
2	▲COUNT WORK ▼ ITEM:1 STD : 0.00 sec +0% DET : 0.00 sec -0%	Screen 2 shows you the preset standard time of each screw fastening task, the tolerance, and the actual screw fastening time. "ITEM 1" indicates the item you use during the operation.	
3	MEMO CLEAR [YES]:+ [NO]:-	Clear all setting records. Press  key to delete; Press  key to save and switch to the next screen.	
4	LANGUAGE SELECT ENGLISH← CHINESE	AM controller language selection: Press  key to choose the language 「ENGLISH」 or 「CHINESE」. Press  key to confirm and return to screen (1).	
5	SETTING MODE PASSWORD : ±±±± SET DETR	You can set sampling time, data memory, and save or recall your preferred item after entering the mode setting screen.	
6	1-1 MEMO RECALL 1:0.00sec 1 PCS	Choose the set memo (max. 10 items): Press  key to choose the desired item. Press  to ENTER and press  key to switch to the next screen.	
7	1-2 CLEAR ALL CNT [YES]:+ [NO]:-	Clear all counting records of the chosen item (OK、NG、PASS) and reset: Press  key to delete; Press  key to save. Press  to switch to the next screen. (press any of the key will return to screen 6).	
8	2 MEMO SET 1:0.00sec 1 PCS	Memo setting (max. 10 items): Press  key to select memo from 1 to 10. Choose the preferred memo and press  key to switch to the next screen.	
9	3-1 SAMPLE TIMES 1 PCS	Setting numbers of sample fastening time in each work piece (max. sampling number is 99 pieces.) Press  key to increase the quantity; Press  key to decrease the quantity. Press  key to confirm and switch to the next screen.	
10	3-2 SAMPLES 0/1 0.00sec [OK]:+	The actual screw fastening time for each sample and counting numbers of sample fastened: Press  key to confirm; Press  key to cancel. When you finish recording all the	

	[NG]:-	sample fastening time, it will switch to the next screen automatically.	
11	4-1 RANGE RATE +[10]%	Setting the upper-limit percentage of sample fastening time. The max. upper-limit percentage is 99%. Press \leftarrow to increase; Press \rightarrow to decrease; Press SET to confirm and switch to the next screen.	to save and press SET to confirm and switch to screen (9).
12	4-2 RANGE RATE -[10]%	Setting the lower-limit of fastening time for sampling. You can set the value to the minimum 99% of the average sampling time. Press \leftarrow to increase; Press \rightarrow to decrease; Press SET to confirm and switch to the next screen.	12. Set the numbers of sample on screen(9) and press SET to confirm and switch to screen (10)
13	5 PCS/UNIT [1]PCS	Setting the numbers of screws you need to fasten for each unit (max.99 pieces). Press \leftarrow to increase; Press \rightarrow to decrease; Press SET to confirm and switch to the next screen.	13. On screen (10), you start fastening the unit. The screen will show the actual fastening time needed for each sample screw you fastened. You have to confirm whether the value is valid. If yes, press \leftarrow to save. If no, press \rightarrow to continue fastening until all the preset sample screws on screen (9) are fastened. Then, it will automatically switch to screen (11).
14	6 OK CNT DIR [+]	The counting logistic of completed fastened unit (increase/decrease): Press \leftarrow indicates adding up numbers of completed unit; Press \rightarrow indicates subtracting numbers of completed unit; Press SET to confirm and switch to the next screen.	14. Set the values according to your preference from screen (11)~(17). Please refer to "Description and function of each displayed screen". Press SET to enter screen (18).
15	7 CYCLE TIME [0.0]sec	You can preset the fastening time needed for each task from 0.1~99.9 seconds. The alarm will go off when the fastening task is not completed within the preset time. Press \leftarrow to increase; Press \rightarrow to decrease; Press SET to confirm and switch to the next screen.	15. Screen (18) shows you numbers of pass-counted units. Press SET to enter screen (19).
16	8-1 SET +OK CNT [1]SET	If you choose "+" on screen (14), the alarm will go off when the total numbers of completed sets reach the preset amount. You can set up to max. 60000 set. Press \leftarrow key to increase; Press \rightarrow key to decrease; Press SET key to confirm and switch to the next screen.	16. "Are you save?" will display on screen (19). If you want to save the values under the item you chose on screen (8), Press \leftarrow ; press \rightarrow to cancel and return to screen (6).
	8-1 SET -OK CNT [1]SET	If you choose "-" on screen (14), the alarm will go off when the value is "0" set. You can set up to max. 60000 set. Press \leftarrow to increase; Press \rightarrow to decrease; Press SET to confirm and switch to the next screen.	17. If you want to set the next item, please follow steps 7-16 above.
17	8-2 ADJ STD TMR [0.00]sec	The adjustment of the average sample fastening time (max. 9.99 seconds) Press \leftarrow to increase; Press \rightarrow to decrease; Press SET to confirm and switch to the next screen.	18. Press \leftarrow to choose the item you want to use on screen (6); Press \rightarrow to return to screen (1). Press DETR to enter count work screen (2).
18	8-3 ADJ PASS CNT [0]SET	This screen shows you the accumulative amount of incomplete fastening task that you pass when there is defective set (max. 60000 set) Press SET to confirm and switch to the next screen.	19. WORK I/P function: 19-1: connect to the production line You can monitor your production line by connecting B5 & B6 of the JP-B socket to the external controller. Once B5 & B6 are connected to the work station, the positioning sensor signal will be transported to the AM controller and it will become a monitor. The alarm will go off if you pass the incomplete fastened unit (the torque value, the fastening time, and numbers of screws do not reach the preset values). If the unit itself is defective, you can pass it and press \leftarrow to relief the alarm and return to the operation mode. Every unit you pass will be recorded in screen (18) for your reference.
19	9 ARE YOU SAVE? MEMO:1 [YES]:+ [NO]:-	Save the set values in the current memo Press \leftarrow to save; Press \rightarrow to cancel and switch to screen (6)	19-2: Independent Work Station The AM screwing manager can be used as an independent work station by connecting B5 and B6 to each other.
20	SETTINGS ADJ VOLUME -  +	Volume adjustment Press \leftarrow to increase the volume; Press \rightarrow to decrease the volume; The screen will return to screen (1) when the standby time is over 3 seconds.	20. You can start using the screwdriver after the setting.

REMARK:

1. Turn on/turn off the AM controller.

Turn on: Press LCD power key for 2-3 seconds, the AM controller will turn off automatically; then turn the power switch to OFF.

Turn off: Turn the power switch to ON, then press LCD power key, the AM controller will turn on. (The record will be saved after switching off and restart.)

2. LOCK key function:

(1): Press LOCK to lock the AM controller. The power supply of the AM screwing manager can still provide electricity. This prevents any record alteration due to improper use of the electric screwdriver during standby time.

(2): Press LOCK for 3-4 seconds and you will see "MEMO CLEAR" (screen 3). Press+ to delete; Press- to save and switch to screen (4) 「LANGUAGE SELECT」. Press +to choose 「ENGLISH」 or 「CHINESE」. Press **SET** to confirm and return to screen (1)。

3. Language:

Press \leftarrow **SET** **DETR** for 3-4 seconds and screen "LANGUAGE" will display. Press \leftarrow to choose either "ENGLISH" or "CHINESE". Press \leftarrow to confirm and switch to screen.

4. Volume Adjustment:

Press +or - on screen (1) or (2), screen (20) will display and you can adjust the volume. Press+ to increase the volume; Press - to decrease the volume.

5. Alarm category:

- OK fastening of a single screw: one “beep” sound
- Thread damage or abnormal screw fastening of a single screw: quick and short “beep-beep-beep” sound
- Numbers of fastened screws of an unit do not reach the set amount: a long “beep” sound. [Press to relief]
- Numbers of fastened unit reaches the set amount: “beep-beep-beep-beep” sound
- The fastening task is not completed when the preset ‘CYCLE TIME is reached: a long “beep” sound. [Press ← to relief]

6.LCD light directory:

- Operation screen: Blue light
- OK screw fastening: Green light
- NG screw fastening: Red light
- Setting screen: White light
- Screen lock: Yellow
- Numbers of completed unit reach the set amount: Purple light (1-2 seconds) and then green light
- The task is not completed within the preset CYCLE TIME: Purple light

7. Screen error & solution:

If you notice any screen error or scrambled code, you can restart the AM controller. If you still notice the same problem after restarting the machine, please contact your local sales agent immediately.

8. AM controller signal output mode (OUTPUT-B): Please see picture 1

A single unit is fastened completely (B1 & B4 are conductive), OK screw fastening each time (B3 & B4 are conductive), NG screw fastening each time (B2 & B4 are conductive). No voltage contact signal (dry contact). When WORK function is connected to the production line, I/P (B5, B6) will be connected to the switch

9.WORK I/P (JP-B) wire mode: please see picture 2.

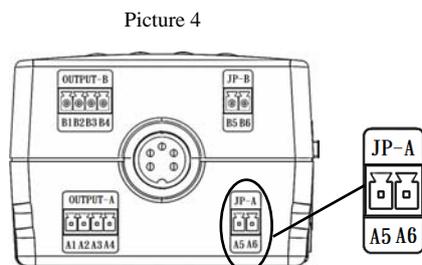
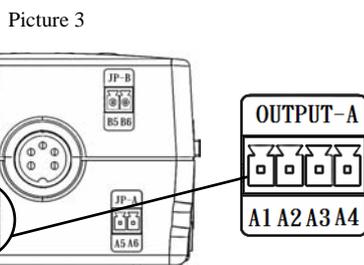
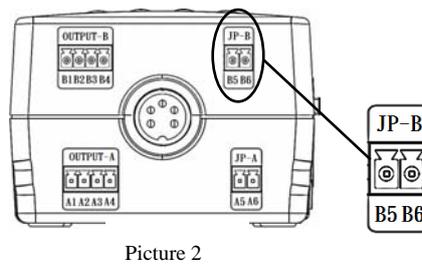
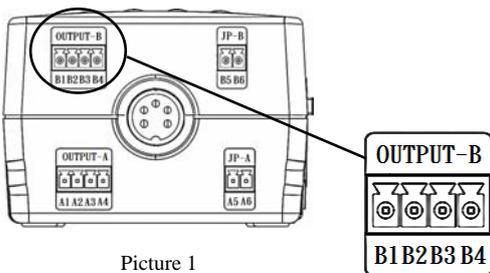
- Under the mode WORK I/P, B5 and B6 should be conductive in order to operate. Both the AM controller and the external controller can be monitored by the operator at the same time. The signal of the sensor used in the production line can be delivered to the AM controller.
- When B5 and B6 are connected, the AM controller can work independently as a monitor.

10. Signal output terminal block (OUTPUT-A): please see picture 3

- A3 & A4: Switch on signal output. A3 and A4 will export no-voltage conduct signal when the electric screwdriver switched on.
- A1 & A2: Shut-off signal output. When the electric screwdriver has reached its set torque and stopped, no-voltage signal will be exported.

11. The JP terminal block for the external controller (JP-A): Please see picture 4

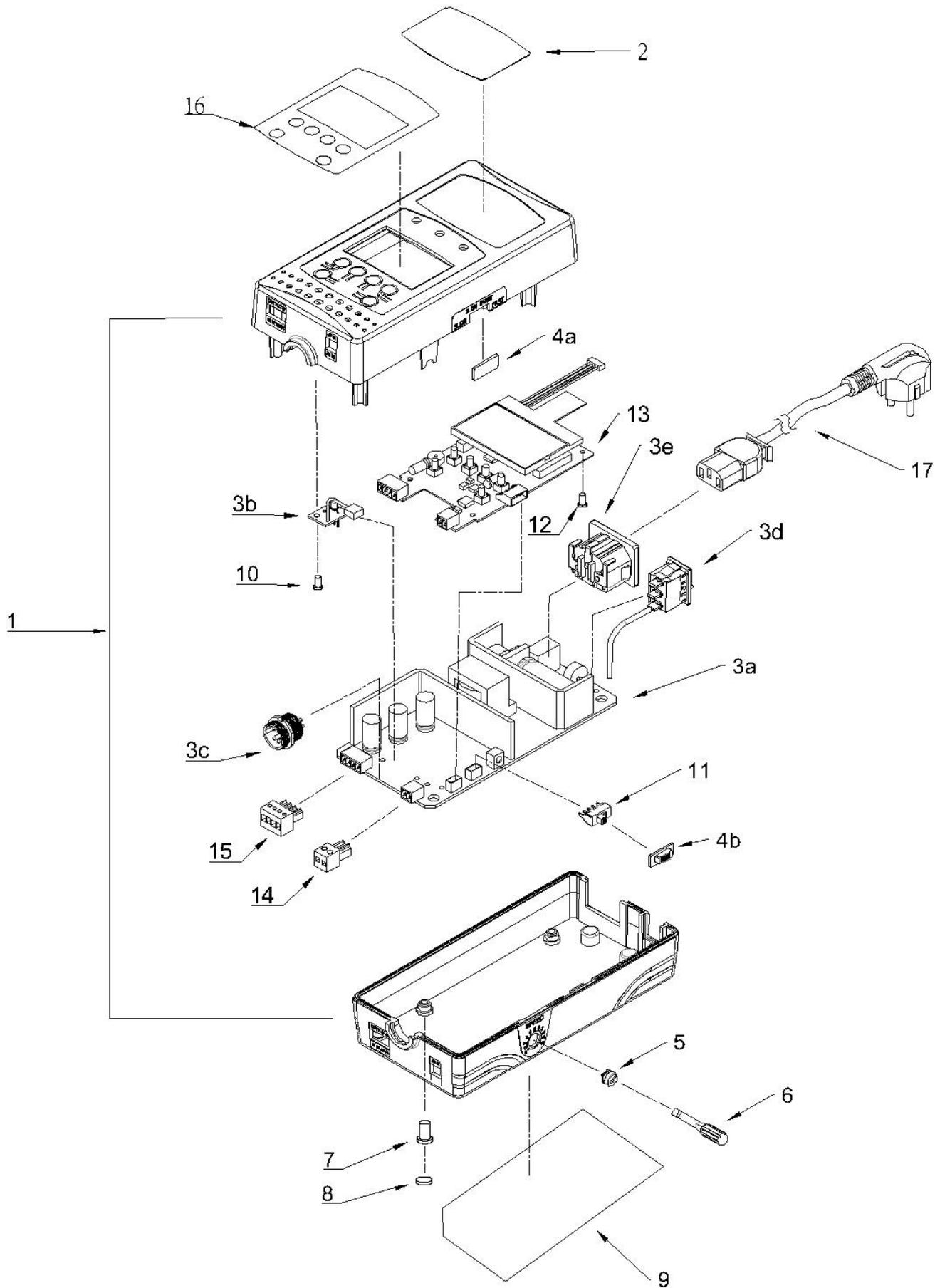
A5 ∨ A6: Start signal for automation ONLY. Keep pressing the lever button.(Besides AM-30) Use the external controller to control the conduction and non-conduction between the AM controller and the electric screwdriver.(AM-30 can only work on co-rotating) (see picture 1)



■ Troubleshooting

If the screwdriver does not work properly, follow the check-list below to examine your screwdriver. If none of the following points apply to the problems you encountered, do not open the unit and contact your local sales agent immediately for further guidance.

- The screwdriver is out of operation
 - Please check whether the power plug is correctly and tightly plugged into the designated power source.
 - Please check whether there is designated DC voltage between 5P-5P or 6P-6P terminal block needle NO: 1“-” potential , NO: 4“+” potential.
 - Caution: If the screwdriver is 6-pin output in design, needle No. 3 and needle NO. 5 should be conductive. After you turn on the relay inside the screwdriver, you are able to measure the output voltage.
 - Please check whether the connection wire plug of 5P-5P and 6P-6P is broken. If yes, please replace it with a new connection wire or a new plug. (This problem usually occurs to the plug which connects to the screwdriver.)
- The screwdriver keeps rotating (except reverse rotating) or the screwdriver does not shut off automatically when the preset torque is reached and clutch is released.
 - AM controller is designed with electric braking system. If you notice this problem, please contact your sales agent.
- The screwdriver does not stop automatically when the clutch shut off at preset torque
 - AM screwing manager is designed with electric braking system. If you notice this problem, please contact your sales agent.



Parts List



No.	PART NO.	ITEM	DESCRIPTION	Q'TY	AVAILABLE MODEL
1	6Z2073	PLASTIC HOUSING	UPPER COVER	1 PCS	AM Series
	6Z2074	PLASTIC HOUSING	DOWEN COVER	1 PCS	
2	Differ from Model	MODEL LABEL		1 PCS	
3	2A2936	PCB SUB ASS'Y		(1 SET)	AM-30
3a	2A2936-MP	PCB SUB ASS'Y		1 SET	
3b	2A2917-LP	LED PCB SUB ASS'Y		1 SET	
3c	6G1001	PLASTIC PLUG	5P	1 PCS	
3d	2S2038-1	ON/OFF SWITCH		1 PCS	
3e	2G4010	AC INLET		1 PCS	
3	2A2937	PCB SUB ASS'Y		(1 SET)	AM-45
3a	2A2937-MP	PCB SUB ASS'Y		1 SET	
3b	2A2917-LP	LED PCB SUB ASS'Y		1 SET	
3c	6G1001	PLASTIC PLUG	5P	1 PCS	
3d	2S2038-1	ON/OFF SWITCH		1 PCS	
3e	2G4010	AC INLET		1 PCS	
3	2A2938	PCB SUB ASS'Y		(1 SET)	AM-65
3a	2A2938-MP	PCB SUB ASS'Y		1 SET	
3b	2A2917-LP	LED PCB SUB ASS'Y		1 SET	
3c	6G1001	PLASTIC PLUG	5P	1 PCS	
3d	2S2038-1	ON/OFF SWITCH		1 PCS	
3e	2G4010	AC INLET		1 PCS	
3	2A2949	PCB SUB ASS'Y		(1 SET)	AM-55
3a	2A2949-MP	PCB SUB ASS'Y		1 SET	
3b	2A2917-LP	LED PCB SUB ASS'Y		1 SET	
3c	6G1001	PLASTIC PLUG	5P	1 PCS	
3d	2S2038-1	ON/OFF SWITCH		1 PCS	
3e	2G4010	AC INLET		1 PCS	



Parts List

No.	PART NO.	ITEM	DESCRIPTION	Q'TY	AVAILABLE MODEL
3	2A2939	PCB SUB ASS'Y		(1 SET)	AM-85
3a	2A2939-MP	PCB SUB ASS'Y		1 SET	
3b	2A2917-LP	LED PCB SUB ASS'Y		1 SET	
3c	6G1002	PLASTIC PLUG	6P	1 PCS	
3d	2S2038-1	ON/OFF SWITCH		1 PCS	
3e	2G4010	AC INLET		1 PCS	
4a	6V1064	SCREEN		1 PCS	
4b	6V1063	Push Button		1 PCS	Correspond to soft-start function
5	6R3016	ADJUSTMENT BUTTOM		1 PCS	AM Series
6	6R3017	PLASTIC SCREWDRIVER		1 PCS	
7	8T2090	SCREW	M3*L:16	4 PCS	
8	6B3020	FOOT	Ø6.5*3.0	4 PCS	
9	Differ from Model	SAFTY LABEL		1 PCS	
10	8T2663	SCREW	M2.5*L:6	1 PCS	
11	2A7091	SWITCH SUB ASS'Y		1 SET	
12	8T2623	SCREW	M5*L:5	4 PCS	
13	2A4012	LED PANEL		1 PCS	
14	2T6011	TERMINAL BLOCK	2P	1 PCS	
15	2T6012	TERMINAL BLOCK	4P	1 PCS	
16	7L1450	PANEL LABEL		1 PCS	AM Series
17	2W1020	AC CABLE	PSE TYPE	1PCS (option)	
	2W1024	AC CABLE	USA TYPE		
	2W1064	AC CABLE	EUROPE TYPE		
	2W1043	AC CABLE	U.K. TYPE		
	2W1186	AC CABLE	U.K. WITH FUSE TYPE		
	2W1054	AC CABLE	AUSTRALIA TYPE		
	2W1141	AC CABLE	AUSTRALIA TYPE-FOR 3C TYPE		
	2W1075	AC CABLE	BIG SOUTH AFRACIA TYPE		
	2W1074	AC CABLE	SMALL SOUTH AFRACIA TYPE		
	2W1245	AC CABLE	BRASIL TYPE		

Enjoying in Technique of Assemblies



Retailer's Stamp		Attention! The generic or unsuitable parts might seriously affect the power supply's lifespan, please purchase the parts from original manufacturer to secure your rights.
---------------------	--	--