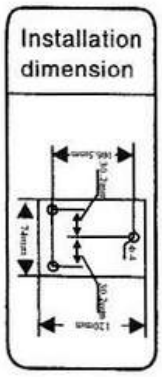
Automatic Horse Feeder

User Guide timer

Attention



The switch is not to be used in the equipments that will cause life damage or great social reaction if the device fails to function(e.g. medical appa ralus. large-scale equipment, etc.)Enough residual values on its performance should be provided if the switch is to be used in equipment that will cause property damage in case of the device being out out action (e.g. large-scale healing machine, freezer, etc) and safeguards as double circuit, etc should also be adopted.

The user should repair, dissect or transform the switch, or else elctric shot,fire, or foultmay occur. Such operations should bo submitted to the distribution office or unit that in charge of enginering. Don't touch the terminals when power is on.

The ambient environment of the switch should be dampness, corrosion free, without long-duration sun light, or in the gas that has high metal conlent. Keep it from oil and water.

Wiring pattern

1. Direct control

This pattern is adopted when the appliance to be controlled is supplied in sinbgle phase model and its power consumption is less than th reated value of the switch, (resistive load25A, sensitive load20A). It's wiring method see Diagram 1.

2. Single-phase capacity enlarging

The pattern is adopted when the controlled appliance is supplies in single phase model while its power comsumption is above the reated value of the switch (resistive load25A, snesitive load20A). In this case a AC contactor that is larder than the appliance in its power consumption should be used to enlarge the capacity. Wiring method see Diagram 2.

3. Three-phase type

The pattern is adopted when the controlled appliance is supplied in trhee phase model and a three-phase AC contactor is needed. The wiring pattern of the contactor (the voltage of its coilAC220y 50Hz), see Diagram 3.

The wiring pattern of the contactor (the voltage of its coilAC380V 50 Hz), see diagram 4.

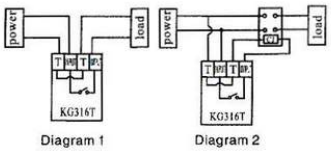


Diagram 1

Diagram 2

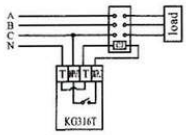


Diagram 3

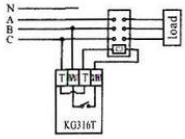


Diagram 4

Technical Specifications

Voltage Range: AC220V
Capacitance: Resistance Load: 25A
Timing Control Range: 1min-168h
Temperature: -10°C to +50°C
Dimension: 120 x 74 x 58 mm
Consumed Power: <4VA
Timing Error: <±2s/day (25°C ±1°C)
Relative Humidity: <95%
Weight: 430g

Function and Application

This product can automatically switch on and switch off various kinds of electric equipment according to a fixed time. It is widely applied to programmable control of electric cookers, boilers, lamps, water heaters, sprayers, bottlers, preheaters, agriculture facilities, broadcasting equipment, etc.

Automatic Horse Feeder

Unlock instructions

Press the "CANCEL RESUME" button four times, and the "A" character disappears in the lower left corner of the display screen. At this time, the control switch is unlocked. All keys are valid and can be set for other operations. If not operated in 15 seconds, the time-controlled switch is automatically locked. After finishing setting up, you can also press the "CANCEL RESUME" button four times; after that, the manual lock button is invalid.

Settings Method

Adjust Clock: Press the key "hour", "minute", and "week" respectively to adjust the hour, minute, and day to accord with the current clock.

Troubleshooting

If the switch fails to connect or break the circuit at the programmed time, it is likely that the weekday is not correctly set. Check or readjust it according to the instructions in the time setting. If it is sure that connect and break lamps are correctly set and the switch connects or breaks the circuit at the incorrect time, it is likely that the other time groups are deleted. Delete them according to the time setting.

(Note: "--:--" signifies that the time groups are deleted, while "00:00" does not. If the switch still could not run smoothly after checking the above two cases, it is likely that manual/automatic has been touched manually. Check the code of on, auto, off, and adjust it to the state of present time, and then adjust it back to automatic position. In case the switch still could not function, open the safeguard cover (terminal cover) to check if the fuse tube is all right. Replace it with a new one (0.1A-0.15A) if it is broken. If the trouble is still not settled yet, contact the company or the native distribution office.

Batterij digitale timer: AA batterij

A good quality battery will last about 12 months before it needs to be replaced.

1) If the power fails and the battery is still good, the digital timer will retain programming and work as usual when power is restored.
Note that the power supply will not work without power.
2) If the power fails AND the battery is dead: install a new battery *before it is dead, otherwise you will have to reprogram all the settings on the digital timer.

There is no warning when to replace the battery, ***so note the date of installation.***
*When replacing the AA battery, the digital timer will hold programming for 15 seconds, so make sure the new battery is unwrapped and ready to install. The battery cover can be snapped open with eee screwdriver, for example.

Automatic Horse Feeder

Setting feed times

Step	button	content
1	press "set up”	Enter switch-on time of the first feeding time (display1)
2	press "week”	Set the day of switch-on time (daily, 5-day, 6-day, different every day etc)
3	press "hour” and "min”	Setting the switch-off time (hour, minutes)
4	press “set up”	Setting the switch-off time of the first feed time (display 1)
5	press "week”	set the day of switch-off time (daily, 5-day, 6-day, different every day etc). Note the day of switch-off must match the day of switch-on time.
6	press "hour” and "min”	Set switch-off time (hour, minute). Note: set the switch-off time at least 10 minutes later than the switch-on time.
7	press “set up”	Set next feed time. Repeat the above steps.
8	wait 15 seconds	The set feed times are saved
9	press “auto/manual”	Set the on-off sign to the current position (‘on’ or ‘off’) and set it to the ‘auto’ position.
10	press "clock”	Via “hour + min” the time can be set, via “week” the correct day.

Automatic Horse Feeder

User Guide feeder

Setting the Portion Control

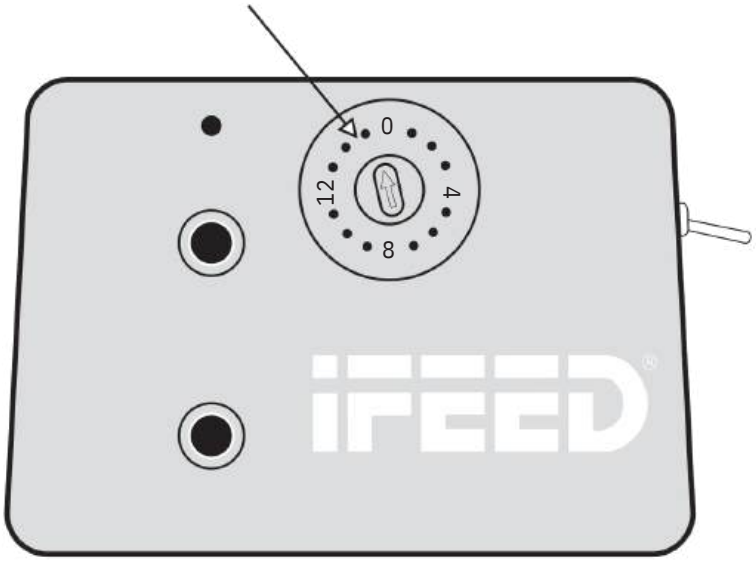
With the timer you programmed when your horse will be fed. Now you will set how much your horse is fed at each feeding time.

- Each setting on the portion control (1-15) represents *approx. 2oz of feed. The exact amount depends on the type of feed.
- First determine how many pounds a day you want to feed your horse. One pound = 16 oz.
- Example: 10 lbs of feed per day is equivalent to 160 oz. Divide 160 oz by the number of feeding times. (10 if using the pre-set schedule.)
- With the portion control set to 8, iFEED will now dispense one pound (16 oz) during each feeding time.

Running the iFeed'er on its daily scheduled Cycle

Now that you have set when and how much to feed your horse...

- Confirm that the red switch on the timer is set to the clock icon (TIMERMODUS).
- Confirm that the switch on the side of the portion control is in the down position.
- Fill the hopper with your feed of choice.



Compatible Feed Types

Large Pelleted Feed

Larger pellets (ex. alfalfa/ timothy) cause a bit more inconsistency in how much feed is dispensed in each portion. A portion control setting of 13 is approx. 1 pound total.

Smaller Pelleted Feed & Pellet/Grain Mixtures

Smaller pellets (ex. Triple Crown 30% Ration Balancer or Purina Strategy) dispense consistently. Each portion is approx. 2 oz. As a guideline, a portion control setting of 8 is equivalent to about 1 pound total. Expect the same consistency with small pellet/grain mixtures.

senior Feed / sweet Feed

With textured feed higher in molasses, you may experience some inconsistency due to the st ickiness. We recommend running a couple of test cycles with a portion control setting of 8. For most feed types (other than large pellets) this is generally equivalent to 1 pound.

LET OP: The above descriptions are a guideline. We always recommend that you first run a few test cycles with your preferred feed type. (Ex. if the portion control is set to 8, the iFEED'er will dispense feed 8 times with 30 second intervals. Depending on how much you wish to feed each feeding time, you can now adjust the portion control setting accordingly.

Remember..... feeding smaller portions more frequently is much healthier for your horse(s).

NOT Compatible

Hay Cubes

Soaked/Mashed Feed

Chaff Hay

FAQs

1. i just set up my iFeeder. The power supply is plugged in and connected to the feeder. Why doesn't it start dispensing?

First, make sure the gray motor inside the hopper is turned on by flipping the switch to the down position. After that, expect a 90 second delay from when you first turn the unit on and until it starts to dispense. Once the unit is operating,it will dispense feed at the times you set on the timer. Each feeding will drop feed in the number of portions you set on the portion control dial, located on the motor inside the hopper. Portions are dispensed 30 seconds apart.

2. The unit dispensed the feed just fine but only one cycle, and now i can't get it to work?

Make sure that the red switch on the timer is switched from ON (test mode) to the clock symbol. The timer is now set to dispense feed at your set feeding times.

3. The green light in the power supply is not on at all times?

The green light only comes on during a scheduled feeding cycle. It stays on for 15 minutes and then turns off until the next feeding cycle. This way there is no electricity going to the feed unit in between feeding times. Even when the green light is on and power is going to the iFEEDer, that power is low voltage and safe for your horses.

4. How does the white wire inside the unit fit under the lid - do i have to drill a hole?

You do not have to drill any holes. The white wire inside the feeder tucks down in the back left corner of the hopper under the lid. Tuck it between the hopper and the metal bracket and slide it toward the back corner. The lid will now open and close freely without the need to drill any holes for the wires to exit.

5. is it okay to fill the hopper all the way up?

Yes . Once you have the desired portion control setting and the feeder is switched on, it is okay to fill the hopper all the way up, covering the motor.

6. What ongoing maintenance should i complete on my iFeeder?

We recommend occasionally confirming that all screws and bolts stay tightened. Also, wiping the inside of the hopper to prevent residue from building up. (More frequently if feed has a high molasses content).

7. What does it mean when the red light on the motor is flashing?

This means that something is stuck inside the feeder and the activator is unable to dispense feed. Turn off the motor and check for any feed/hay that could have gotten stuck. This is a safety feature built into the motor to prevent it from malfunctioning.