

TECHNICAL SPECIFICATIONS

Sound level (@1 m)	118 dB max
Power supply	9 – 16V DC
Current consumption (@12 V)	
During alarm:	
In EXT mode	200 mA ± %10
In INT mode	25 mA
Standby:	25 mA
Battery Charge Current (Constant Current Charge)	20 mA approximately
Operating temperature	-40°C ~ +65°C
Relative humidity	%95 @ 40°C
Dimensions(W x L x H)	215 x 300 x 60 mm
Weight Net / Gross	1200 gram / (1350 gram)

FEATURES

- ✓ Sliding 6 ultra bright LED
- ✓ External and internal operation power options
- ✓ Two different sound pattern
- ✓ Tone option (high/low)
- ✓ Automatic power failure-tamper discrimination
- ✓ Adjustable cutoff Timer (3 / 10 min)
- ✓ Automatic trigger type detection
- ✓ Includes rechargeable Ni-MH battery
- ✓ Dual action micro switch against sabotage
- ✓ Strong ABS body (3mm thickness)
- ✓ Metal cover against impact

SAFETY CHECK

- ✓ Read this guide carefully before operating device and keep this guide for later reference.
- ✓ Follow all operating and safety instructions in this manual.
- ✓ Do not use this device indoor, or else it may cause personal injury due to high sound pressure level. While mounting, use ear protection.
- ✓ The device produces high voltage while operating. After turning off the power, wait for a minute before servicing.
- ✓ Disconnect the electricity before cleaning. Don't use liquid or aerosol cleaner, use a damp cloth for cleaning.
- ✓ Keep away devices from dust and moisture.
- ✓ Locate device to the straight place, or else it may damage device and its environment.

OPERATING CONDITIONS

Do not operate the device out of the limits which are described below,

Temperature : Between -40°C and +65°C

Humidity : %95 in +40°C

POWER SUPPLY

Use the device only with voltage mentioned in this manual. If you are not sure about supply voltage you will use, please contact with your vendor or manufacturer.

SUPPLY CABLE PROTECTION

Protect the supply cable against crushing and breaking.

SERVICE

Do not attempt to service this unit yourself as there is no user serviceable part inside. To prevent electric shock, do not remove covers. In case of breakdown, contact with your vendor or manufacturer. Refer all servicing to qualified personnel.

CONDITIONS NEED SERVICE

Contact with your vendor on the following conditions.

- If the device is dropped or the device's cover is damaged,
- If you realize that, device doesn't operate properly,
- If the device doesn't operate as mentioned in operating guide,
- If the device isn't operated in operating conditions.

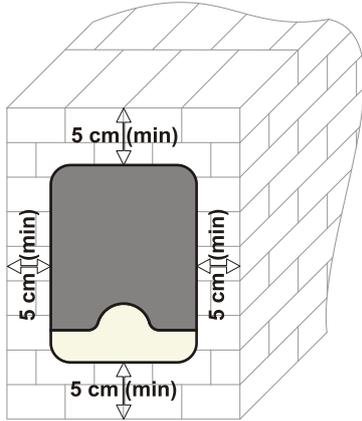
SPARE PART

If maintenance includes changing, ensure that technician uses original parts against electrical shock, fire, etc.

SECURITY CONTROL

To control if your device operates in healthy and convenient conditions, demand service from your vendor.

MOUNTING

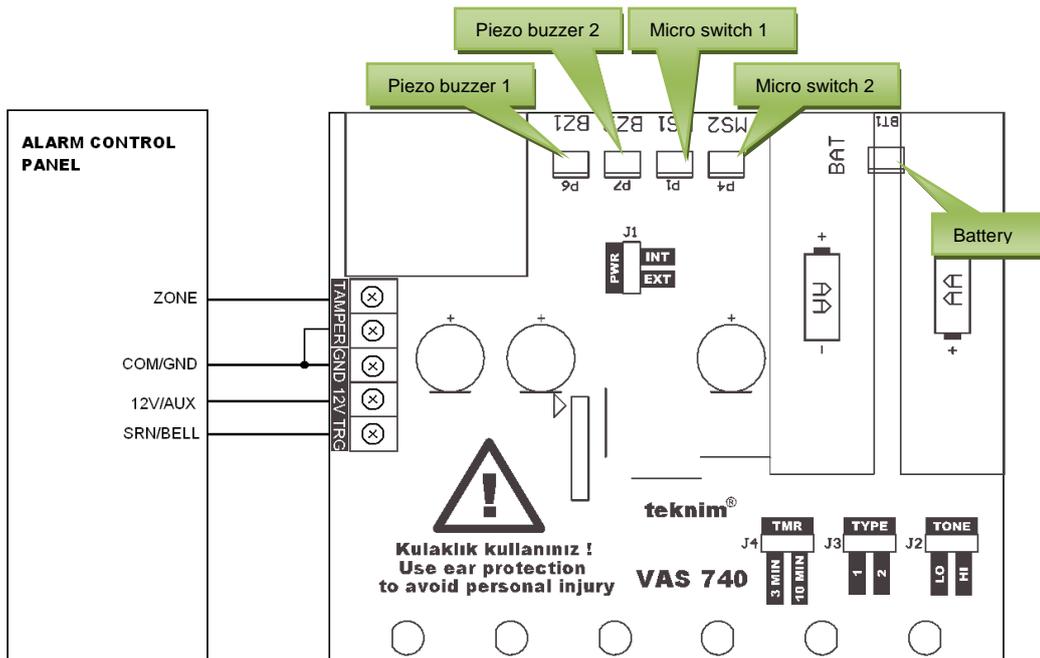


Mount the device to places that won't be exposed to direct sun light and rain. Also give importance to mount the device on a place which it is seen easily but cannot be reached easily.

Point the mounting holes and cable-in-hole by using siren back plaque or the template on its cartoon box and then drill holes by using 8mm tip. By using longer drill tip than the thickness of the wall, drill the wall as the cable pass through the wall. Mount the siren by using the given screws and suitable screwdriver. Pass the cables through the hole on the body. Don't forget to screw metal cover to device.

!!! WARNING !!!: Keep each side of siren away from the wall min. 5 cm while mounting.

WIRING



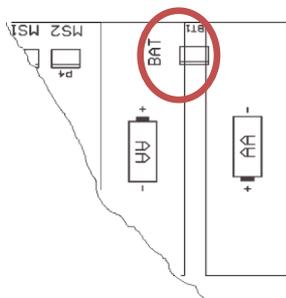
Connection with 4 wire including tamper

SUGGESTION

If you use more than one siren, set first siren's power options "EXT", others "INT". This setting prevents the panel from excessive current drawn.

BATTERY USAGE

According to siren model, different batteries can be used.



- **VAS 740 B / R** : 6V 330mAh NiMH rechargeable battery must be used. Installer should connect the battery connector after installation.

WARNING !

Take special care about battery polarity. Use only specified size and type batteries.

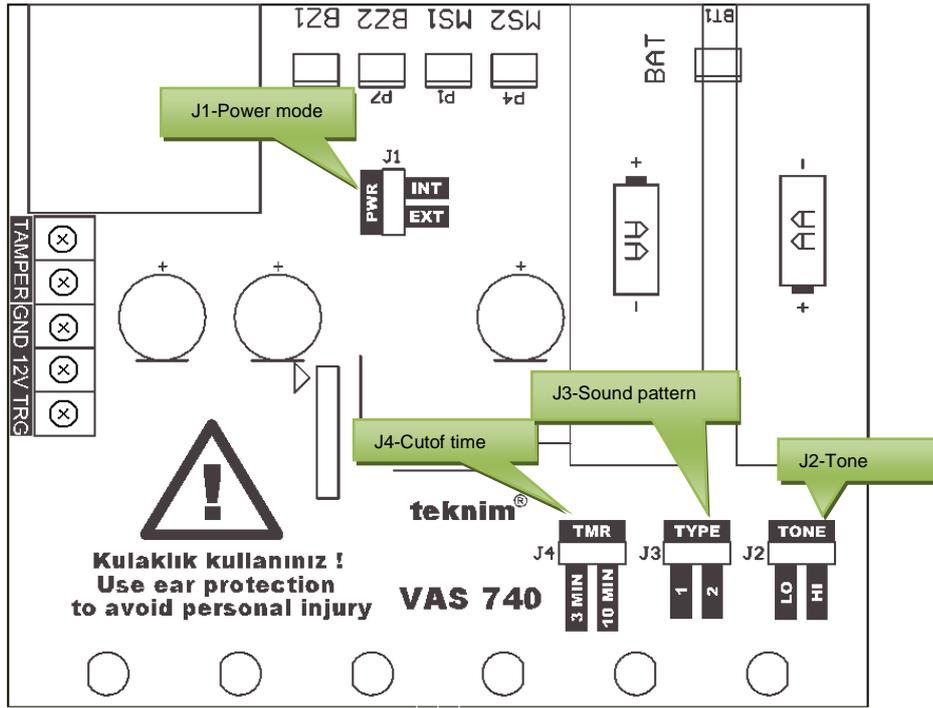
WARNING !

Check the batteries periodically. The life of the batteries can be changed according to their quality, environmental conditions, usage, shelf endurance etc.

OPERATING FEATURES

- **First start:** Apply the power whole system. 6 LED start the walking, this shows the siren operating. Make sure panel is not in alarm condition and TRG voltage is steady. After 8 second the siren saves the current situation as no alarm situation. (Siren indicates this by a short beep and turning 6 LEDs on at the same time) Changing TRG terminal voltage after this point causes the siren give alarm.
- **Standby:** Leds walks, the siren monitors the TRG terminal voltage continuously. At the same time battery has being charged.
- **Power failure / wire cut discrimination:** If the power failure occurred while standby, siren remains silent because of siren still power by alarm control panels backup battery. Due to battery voltage drops slowly, the siren understand this is power failure condition. Cutting the siren's wire by intruder cause the power of the siren immediately loss, siren starts alarm.
- **Triggering:** The voltage changes on TRG terminal cause the alarm. All LEDs starts the flashing. In this situation, if the power mode "EXT", the alarm current drawn from alarm control panel. Otherwise internal battery is used. Siren produce sounds until trigger finished, or cut-off time reached.

JUMPER SETTINGS



J1 POWER MODE (PWR)

EXT position: Siren supply voltage is provided by panel normally. If supply voltage connection cut between panel and siren, supply voltage of siren is provided by battery.

INT position: Siren supply voltage is provided by its battery in all conditions. At this time current consumption and so siren loudness become lower.

This jumper's factory default position is EXT.

J2 – TONE

Adjust the sounds frequency as low or high, **Factory default is "LO"**.

J3 – SOUND PATTERN (TYPE)

Selection of two different sound style. Classic siren sound or police sound. **Factory default is type 1.**

J4 – CUTOFF TIME (TMR)

This option provides choosing how much time the sounder works during alarm. **Factory default value is 3 minutes.**

MAINTENANCE ON YOUR OWN

Do not try to fix the device on your own, removal of cover may end up with electricity shock.

In case of any defect or malfunction, contact with your dealer or with authorized service. All the technical interventions has to be done by technicians of service company. Device must be cleaned up with a dry fabric. No-chemicals are allowed for cleaning

MANUFACTURER

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