teknim®
Fire and Security Technologies

TSS-5790
Outdoor Siren with Flasher

TEKNİM New generation sirens enhance building aesthetics with their stylish design while flawlessly delivering all the warning functions expected of them, thanks to their high sound level and bright visible strobe light feature. Manufactured with Blue and Red lens colors as standard, TEKNİM new generation sirens are designed with a downward inclination to enhance visibility and are equipped with 6 ultra-bright sequential LEDs. Compatible with all alarm panels, the Teknim TSS-5790 External Siren stands out not only with its elegant design but also with its technician-friendly installation ease, featuring intelligent trigger detection, integrated leveler, and the ability to differentiate between power outages and sabotage.

General Features

• 115dB sound level
• 6 ultra-bright LEDs, Sequential Lighting
• Visible from the sides at 90°
• Ability to differentiate between power outages and sabotage
• Intelligent trigger detection
(Automatically detects panels operating with - Trigger or + Trigger)
• EXT and INT operating modes
• Two different siren sounds, Thick and Thin tone options
• Accelerated ringing tone
• Optional dual Piezo operation
• Adjustable automatic silence time (3min/10min)
• Large area reserved for company logos
• Built-in rechargeable Ni-MH Battery
• "Initial Installation System" that prevents noise pollution during installation
and activates after 5 minutes
• Tamper protection against front cover opening and dismounting
• Rain-resistant and water-draining design

Technical Specifications

	TSS-5790
Sound Level	115dB/m (±3 dB)
Flasher	Yes (Ultra Bright LED)
Window Color	Red, Blue
Internal Protection	Transparent Polycarbonate
Electrical	
Operating Voltage	12-24VDC
Average (Standby) Current	75mA
Alarm Current	Ext: 285mA / Int: 50mA
General Features	
Different Siren Sound Options	Yes
Fast/Slow Ring Option	Yes
Adjustable Automatic Silence	Yes (3min/10min)
+/- Triggering	Yes
Automatic Trigger Detection	Yes
Sequential Lighting / LED Count	Yes / 6 LEDs
Built-in Rechargeable Ni-MH Battery	Yes
Tamper Detection	Yes (Cover and Wall Mount)
Distinguishing Power Outage / Sabotage	Yes
Dual Piezo Option	Yes (Optional)
Mechanical	
Weight	762g
Dimensions (mm)	197x300x78
Environmental	
Operating Temperature	-20°C ~ +70°C
Humidity	95%