

VISUAL
SIGNALING



SIGNAL
TOWERS



AUDIBLE
SIGNALING



SIGNALING SOLUTIONS

Sprecher + Schuh is the exclusive Authorized Distributor for Auer Signaling Products in North America.



QUALITY SIGNALING SOLUTIONS

More abundant features, approvals and flexibility than any signaling solution in the market

Sprecher + Schuh is the exclusive authorized distributor for the Auer Signaling product line in North America. Auer's vast line of tower lights, beacons, sounders, horns and panel mount signals is the perfect compliment to Sprecher + Schuh's world class industrial control product line. High grade, heavy duty and comprehensive, this signaling line provides flexibility and features that will fit multiple applications in various industries.

Auer Signaling

Headquartered in Vienna, Austria, the Auer Signal company has designed and manufactured high quality visual and audible signaling equipment since 1910. Because of this sole focus on signaling products, their designs are based on a keen market knowledge gained over years of working with key customers and vendors throughout Europe. Auer products are built using the latest design and manufacturing techniques. Camera controlled SMD machines (for placing surface mount devices), ultrasonic welding machines, test robots, as well as the latest software for 3D modeling, mold flow analysis and stereolithography, assure that Auer products remain world class. In addition, the company's manufacturing operations are certified to ISO 9001.

Signaling Solutions: Applications....

The Auer signaling solutions portfolio covers a variety of products to meet your application needs. Whether your application requires single- or multi-status indication, light, sound or light and sound combined, the Auer line has the ideal signaling solution in the color, size, voltage, operating mode and environmental tolerance for your application. Majority of products are cULus listed and CE marked for indoor and outdoor use and offer a wide selection of mounting options to meet your application requirements.



SIGNAL TOWERS

Tower Lights | halfDOMES



Typical Applications:

Process and Machine Multi-Status Indication

Features:

- cULus listed and CE marked
- LED (steady/flashing/rotating/strobe/multi-flash) strobe
- Incandescent
- Xenon tube (strobe)
- UL Type 4/4X/13 Rated for indoor and outdoor use
- Unlimited mounting orientations



VISUAL SIGNALS

Beacons



Typical Applications:

High-Visibility Warning and Status Indication

Features:

- LED (steady/flashing/strobe/multi-color)
- Halogen bulb (steady/flashing/rotating)
- Xenon tube (strobe)
- Surface, tube and 1/2" NPT mounting



VISUAL-AUDIBLE SIGNALS

Beacons | Sounders | Sirens



Typical Applications:

Control Panel Indication

Features:

- Mount M22 in a standard 22.5mm hole
- UL Type 4/4X/13 Rated for indoor and outdoor use
- Enclosed front design
- Visual, audio or combined indication



AUDIBLE SIGNALS

Horns | Sounders | Sirens



Typical Applications:

Warning/Status Audible Signaling

Features:

- Multi-tone capabilities
- Multi-stage operation
- UL Type 4/4X/13 Rated for indoor and outdoor use



SIGNAL TOWERS

ECOmodul 40
ECOmodul 60
ECOmodul 70



Modular signal tower series ECOmodul40, ECOmodul60, ECOmodul70 for universal applications

- Easy, fast and individual mounting of tower
- Precise bayonet locking of modules
- Automatic electrical connection between modules
- Module configuration can be freely selected and modified

Features

- Modular signal tower series in diameters 40mm, 60mm, and 70mm for universal applications
- Modern signal tower concept based on up-to-date LED illumination, alternative operation with conventional incandescent bulb illumination
- Excellent cost / performance ratio
- Complete range of bright LED modules in function modes
 - » LED steady light
 - » LED flashing light
 - » LED strobe light (single flash)
 - » LED multi strobe light (multi-flash)
 - » LED steady/LED strobe and LED multi-strobe modules in “HIGH PERFORMANCE” versions
 - » Very long lifetime due to maintenance free LED, vibration proof and significantly reduced nominal current
- Piezo buzzer and multi-tone siren modules
- Easy to operate connection
- Comprehensive range of mounting options including quick mount solutions
- PLC fit (leakage and inrush current)
- UL type 4/4X/13

Comprehensive range of LED “High Performance” modules

- The use of high performance LEDs in connection with intelligent electronics results in
 - » Highest signaling effects
 - » Suitability for outdoor applications/i.e. in sunlight
 - » Optional signaling effects in extremely dangerous situations
- Extremely long lifetime (>50,000 hrs)
- LED “HIGH PERFORMANCE” modules available in function modes below



AVAILABLE IN SIX COLORS



TERMINALS WITH EASY PUSH-IN CONNECTIONS



EASY “NO TOOLS” TWIST ON LOCKING SYSTEM



	ECOmodul40	ECOmodul60	ECOmodul70
Number of LEDs	8	8	12
Number of “HIGH PERFORMANCE” LEDs	~	2	4
LED steady light	✓	✓	✓
LED flashing light	✓	✓	✓
LED strobe light (single flash)	✓	✓	✓
LED multi strobe light (multi flash)	✓	✓	✓



SIGNAL TOWERS
halfDOME



Signal tower series halfDOME90 for universal applications

- Easy, fast and individual mounting of halfDOME
- Slim, sleek housing - 45mm wide - fitting almost any machine or equipment panel
- Variety of color and sound combinations in two to five levels
- Specially designed lens coating allows for 180 degrees of visual signaling

Features

- Visual-audible LED-signal tower in half dome design for universal industrial, building and other applications
- Can be mounted in any orientation
- Any color combination and housing size (2-5 positions) available
- 6 lens colors, 3 housing colors (grey, chrome, black)
- LED-steady light or LED-flashing light for each position selectable
- Optimal signaling and visibility from each viewing angle (180°)
- Optional piezo buzzer in upper housing area available
 - » tone types continuous and pulsing
 - » volume individually adjustable - 70-90 dB (A) in 1m
- Available in nominal voltages 24V AC/DC, 110/120V AC and 230/240V AC
- UL certified - UL 4/4X/13



EASY ELECTRICAL CONNECTION (TERMINALS, REMOVABLE COVER)

LIGHT MODULES	Light Source
LED steady light	LED
LED flashing light	LED

PIEZO BUZZER	Sound Pressure
Continuous and pulsing tone	~70-90 dB adjustable

HOUSING	Housing Color
With 2 Lights	grey chrome black
With 3 Lights	
With 4 Lights	
With 5 Lights	



SLIM DESIGN, ONLY 45MM WIDE FOR OPTIMAL INTEGRATION



VISUAL SIGNALS Beacons

Visual Signaling Devices

- Beacons “Q” and Modular Beacons Series “M”
- Steady, Flashing, Strobe and double strobe beacons
- Multi-color and two-color beacons
- LED Light Bar

Beacons “Q” Series

Comprehensive range of cubic design beacons in LED and xenon

In modern LED illumination

- Long lifetime, low current consumption, vibration proof
- LED steady/flashing beacons in size 1 (94mm), size 2 (132mm), size 3 (184mm), and size 4 (228mm)
- LED multi-strobe beacons in size 3 (184mm) and size 4 (228mm)
- Most modern LED illumination with high signaling effect



- 3 strobe patterns (double/6 times/multi-strobe externally switchable)
- UL Type 4/4X/13

In conventional xenon strobe technique

- Classic signalling with good signalling effect
 - Xenon strobe beacons in size 1 (94mm) and size 2 (132mm)
- For applications in the industry, process control, fire/gas, alarm, marine, etc.
- Unique beacon/lens design
- Versatile installation and mounting options
- Fit for PLC applications (leakage, inrush current)



LOCKING SCREW TO PREVENT LENS SEPARATION

Beacons “M” Series

Steady/Flashing/Strobe/Rotating Mirror Beacons

- Available in 90mm, 120mm, 160mm
- Powerful, flexible and robust system
- Easy to mount and service, maintenance friendly design
- M20 cable gland/M20 blind plug and grommet in bottom
- Distinct lens ribbing – optimal light dispersion
- Temperature monitoring in 160mm strobe
- Automatic strobe energy/frequency
- Reduction in extreme situations

Rotating Mirror Beacons:

- Synthetic bearings – extremely high operating life (no corrosion possible)
- Speed selection 90/180 rpm as standard
- Speed monitoring by photo cell (constant rotating)
- UL Type 4/4X/13

M22 Panel Mount Beacons

Models

- LED steady-/flashing beacons
- Strobe beacons
- Multi-color beacons – whole lens with 1 color visible
- LED multi-color beacons – 2 colors visible – separated color areas
- UL Type 4/4X/13

Features

- Versatile usable panel mount beacon series
- For mounting in \varnothing 22mm bore holes
- 3 sizes: 65 – 45 – 30mm
- Selection of steady/flashing function desired/color via terminal
- Maintenance free – long lifetime
- PLC fit (leakage/inrush current)
- Lens pattern designed for optimum light dispersion



STEADY/FLASHING AND COLOR SELECTABLE VIA TERMINAL CONNECTION (EASY PLUG IN TERMINAL)

Beacon “G” Series

- 120mm \varnothing large
- WLG steady beacon, BKG flashing beacon
- FLG strobe beacon
- LED-steady beacon, BLG LED-flashing beacon
- Twist-on locking for easy opening with secure tab
- 6 lens colors, 2 housing colors
- Easy bulb change without tools



25W BULB / TWIST-ON LOCKING SYSTEM

- Excellent brightness (48 LEDs)
- Shock and vibration proof
- Low nominal current and long lifetime
- Wide voltage range



VISUAL-AUDIBLE SIGNALS

Combo Multi-Tone Alarm Sounders "A"
Combo Multi-Tone Alarm Beacons "Q"
M22 Panel Mount Buzzer with Beacon
Mini Horn - Strobe / Signal Beacon

Visual-Audible Signaling Devices

- Combination multi-tone alarms "A" and "B"
- Multi-tone Alarm "A" with light beacon
- Beacons "Q" with buzzer
- Mini-Horn signaling with steady or strobe beacons
- Strobe beacon with signaling sounder
- Electronic multi-tone siren

Combo Multi-Tone Alarm Sounder "A" and Beacons "Q" Series

- Comprehensive range of standard and high output alarm sounders in combination with cubic design beacons in LED or xenon
- 3 stage alarm/tones externally switchable (ASS-T, ASM, ASL, ASX) for applications in industry, process control, fire/gas, alarm, marine, etc.
- Versatile installation and mounting options
- Tone table includes international and standardized signal tones for fire/gas alarm and other applications
- Sound and light separately switchable
- Beacon options
 - 1) Modern LED illuminating long lifetime, low nominal current, vibration proof
 - LED steady/flashing beacons in size 1 (94mm), size 2 (132mm), size 3 (184mm), and size 4 (228mm)
 - LED multi-strobe beacons in size 3 (184mm) and size 4 (228mm) very bright, high signaling effect, 3 strobe patterns (double/6 times/multi-strobe), externally switchable
 - 2) In conventional xenon, classic signaling with good signaling effect
 - Xenon strobe beacons with 5 and 10 J strobe energy in size 1 (94mm) and size 2 (132mm)
- Optional/customized tones/tone tables upon request
- Automatic synchronization in multi-sounder installations
- Fit for PLC applications (leakage, inrush current)
- UL Type 4/4X/13



Multi-Tone Alarm Sounders "A"
with light indicator
LED Steady
LED Steady/Flashing
available in 94mm



Multi-Tone Alarm Sounders "A"
with light indicator
LED Strobe
LED Steady/Flashing
available in 184mm and 228mm



Multi-Tone Alarm Sounders "A"
with light indicator
LED Strobe
LED Steady/Flashing
available in 132mm



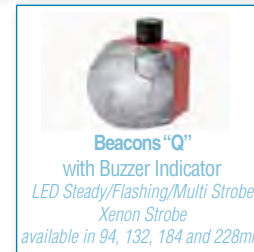
Multi-Tone Alarm Sounders "A"
and Beacons "Q"
LED Steady/Flashing
Xenon Strobe
available in 132mm



Multi-Tone Alarm Sounders "A"
and Beacons "Q"
LED Steady/Flashing
LED Multi Strobe
available in 184mm and 228mm



Multi-Tone Alarm Sounders "A"
and Beacons "Q"
LED Steady/Flashing
Xenon Strobe
available in 94mm



Beacons "Q"
with Buzzer Indicator
LED Steady/Flashing/Multi Strobe
Xenon Strobe
available in 94, 132, 184 and 228mm

M22 Panel Mount Buzzer with Beacon

Universally usable panel mount buzzer with LED control light

Models

- Panel mount buzzer – LED control light
 - » Sound and light synchronized
 - » Continuous tone – steady light
 - » Pulsing tone – flashing light in pulse frequency
 - » Wobble tone – flashing light in pulse frequency
- Panel mount buzzer – LED control light
 - » Continuous tone and steady light separately switchable

Features

- Sizes Ø 65mm – Ø 45mm
- Distinguishable tone types via terminal selectable (ELG)
- LED control light – high brightness, maintenance free
- PLC fit (leakage/inrush current)
- For mounting in Ø 22mm and 30.5mm bore holes (with adapter)
- UL Type 4/4X/13



ADJUSTABLE VOLUME CONTROL
FOR 45MM AND 65MM VERSIONS

Mini Horn-Signal Beacon / Strobe Beacon

Combination of an electromechanical horn with signal beacon or strobe beacon for universal visual-audible applications

- Signal beacon Ø 60mm
- Beacon options:
 - » Steady light with bulb or LED-bulb (LLL)
 - » Flashing light with LED-bulb (LLB)
 - » Strobe light
- Models with or without cone
- Sound and light separately switchable
- Attractive price/performance ratio
- 2 mounting widths
- CE Marked



Steady (GL)

LED - Steady (LLL)

LED - Flashing (LLB)



AUDIBLE SIGNALS

Mini Horns
M22 Panel Mount Buzzer
Sirens

Audible Signaling Devices

- Mini and Signal horns
- Bells and electronic sirens
- Multi-tone Alarms "A"
- Motor Sirens
- M22 Panel Mount Buzzers

Multi-Tone Alarm Sounder "A" Series

Comprehensive range of high output alarms

- Sounders in combination with cubic design
- 3 tones externally switchable (ASS-P and T, ASM, ASL, ASX)
- For applications in the industry, process control, fire alarm, marine, etc.
- Versatile installation and mounting options
- Tone table includes international and standardized signal
- Small tones for fire and gas alarm and other applications
- Country specific or custom tone configurations and alarm frequencies available on request
- Automatic synchronization in multi-sounder installations
- Fit for PLC applications (leakage, inrush current)
- UL Type 4/4X/13, IP65



M22 Panel Mount Buzzers

- Mounts in a standard \varnothing 22.5mm hole
- UL Type 4/4X/13, IP65
- Sound output range from 72 dB to 105 dB at 1 meter
- Selectable continuous or pulsing sounders (wobble tone 65mm)
- Adjustable volume control (45mm & 60mm units)

- 12V-24V AC/DC, 120V AC, 240V AC
- Plug-in Terminal Block - IP2X Rated
- Captive design eliminates unauthorized product removal
- cULus listed and CE Marked



Signal Horns

- Loud, well designed and robust electromechanical signal horns
- Housing options:
 - » Impact resistant synthetic housing (HPT)
 - » Aluminum die-cast housing (HTG)
- Screw holes steel fortified (HPT)
- Special models with telephone call current relay (HPT-R, HTG-R)
- Large offering of standard and special voltages
- HTG-L: special model with RILSAN-coating against galvanic corrosion (version for vessels, seawater resistant etc.);
- Models for tropical use upon request
- CE Marked



Mini Signal Horns

- Electromechanical horns in smaller design
- For universal audible applications
- Models with (KLH) or without cone (KDH, HMK)
- Attractive price-performance ratio
- Wide offering of standard and special voltages
- 2 mounting widths
- CE Marked