



# Signal Towers Overview



## **SIGNAL TOWERS**

Whether for access control or use on machinery, systems and manual workstations - WERMA signal towers are available in a variety of colours, functions, sizes and shapes. Customers can find unique solutions with excellent design quality also for use in strict hygiene areas. Various escalation levels in the event of a problem can be signalled thanks to the multi-tier design of the signal towers. This allows employees in the vicinity to respond quickly to a malfunction and rectify the problem.

Select the ideal signal tower for your application on the following pages.

# Overview Signal Towers

**TwinLIGHT**  
**TwinFLASH**  
IO-Link



**TwinLIGHT**  
**TwinFLASH**  
IO-Link



IO-Link



IO-Link



Modularity		modular	modular	pre-assembled	pre-assembled
Technical details		KombiSIGN 40	KombiSIGN 72	eSIGN	eSIGN
Diameter		40 mm	70 mm	72,5 mm	72,5 mm
Dimensions	Ø x Height (max.)	40 mm x 313 mm	70 mm x 323 mm	72,5 mm x 271 mm	72,5 mm x 371,5 mm
	L x H x W	-	-	-	-
Voltage	12 V	-	-	-	-
	24 V	✓	✓	✓	-
Protection rating		IP 66 / IP 69k	IP 65	IP 66 / IP 69K	IP 66 / IP 69K
Operating temperature	-20°C...+50°C	✓	✓	-	-
	-30°C...+50°C	✓	-	-	-
	-30°C...+60°C	✓	✓	✓	✓
Number of optical tiers possible		1-5	1-5	9	15
Light effect	Permanent light	✓ (TwinLIGHT)	✓ (TwinLIGHT)	✓	✓
	Blinking light	✓ (TwinLIGHT)	✓ (TwinLIGHT)	✓	✓
	Flash/Double Flash/EVS	✓ (TwinFLASH)	✓ (TwinFLASH)	-	-
	Flash/Double Flash/Triple flash	-	-	✓	✓
	Rotating light	-	-	✓	✓
	Multicolour	✓	✓	✓	✓
Tone type		2/8 tone siren (accessories)	2 tone siren/ sirens/ vocal element (accessories)	Multi-tone/ 10 tones are configurable	Multi-tone/ 10 tones are configurable
Max. dB		95 dB (accessories)	105 dB (accessories)	105 dB	105 dB
Mounting (without accessories)	Tube mounting	-	-	-	-
	Base mounting	-	✓	✓	✓
	Single hole mounting	-	-	-	-
	Bracket mounting	-	-	-	-
Housing colour	black	✓	✓	✓	✓
	grey	✓	✓	-	-
Connection method	Spring type/push-in terminal	✓	✓	-	-
	M12 Connector	-	-	✓	✓
	Flying lead	-	-	-	-
Interface		IO Link	Asi, USB, IO Link, SmartMONITOR, AndonSPEED	IO Link	IO Link



Modularity		pre-assembled	pre-assembled
Technical details		KOMPAKT 37	CleansIGN
Diameter		37,5 mm	70 mm
Dimensions	Ø x Height (max.)	37,5 mm x 230 mm	-
	L x H x W	-	152 mm x 485 mm x 112 mm
Voltage	12 V	✓	-
	24 V	✓	✓
Protection rating		IP 65	IP 67/IP 69k
Operating temperature	-20°C...+50°C	✓	✓
	-30°C...+50°C	-	✓
	-30°C...+60°C	-	-
Number of optical tiers possible		1-5	3
Light effect	Permanent light	✓	✓
	Blinking light	-	✓
	Flash/Double Flash/EVS	-	✓
	Flash/Double Flash/Triple flash	-	-
	Rotating light	-	-
	Multicolour	-	✓
Tone type		Pulse tone	Continuous tone
Max. dB		85 dB	85 dB
Mounting (without accessories)	Tube mounting	-	-
	Base mounting	-	✓
	Single hole mounting	✓	-
	Bracket mounting	-	✓
Housing colour	black	✓	✓
	silver	✓	-
Connection method	Spring type/push-in terminal	-	-
	M12 Connector	✓	-
	Flying lead/Screw terminal	✓	✓
Interface		-	-

## KombiSIGN 40 – Modular Signal Tower

The new, modular KombiSIGN 40 has been designed with mechanical engineers and automation specialists in mind who not only want to rely on safe and reliable signals but also have their eye on cost in terms of assembly, logistics and worldwide part provision. Available in DesignLOOK or ClassicLOOK. Optionally available with IO-Link technology.

- Save up to 50% on installation time thanks to self-explanatory connections and intuitive mechanics
- TwinLIGHT and TwinFLASH combine two easily selectable light effects in one element
- Clearly visible from all positions thanks to the OmniVIEW lens with no blind spots

TwinLIGHT  
TwinFLASH



## MODULAR SIGNAL TOWERS

Optical and audible signal elements can be combined flexibly in the modular signal towers. The modular design also enables customers to retrofit other elements separately when required.

- 1 Select the required optical or audible elements or select a pre-configured signal tower.
- 2 Select the terminal element.
- 3 Where appropriate, select up to two extension tubes. Can be installed between the terminal element and the mounting adapter.
- 4 Select the appropriate mounting option for your application.
- 5 Where appropriate, select the bracket.

# KombiSIGN 40 - Quickfinder 24 V AC/DC

## ClassicLOOK

**1**


 8 tone siren Order no. 635 810 75	 TwinLIGHT white Order no. 634 430 75 TwinFLASH white Order no. 634 440 55
 2 tone siren Order no. 635 800 75	 TwinLIGHT blue Order no. 634 510 75 TwinFLASH blue Order no. 634 520 55
 TwinLIGHT red Order no. 634 110 75 TwinFLASH red Order no. 634 120 55	 LED permanent light multicolour Order no. 634 450 55
 TwinLIGHT green Order no. 634 210 75 TwinFLASH green Order no. 634 220 55	 Pre-assembled signal tower TwinLIGHT green/yellow/red Order no. 639 300 01 --> continue with <b>4</b>
 TwinLIGHT yellow Order no. 634 310 75 TwinFLASH yellow Order no. 634 320 55	

## DesignLOOK


 8 tone siren Order no. 635 710 75	 TwinLIGHT white Order no. 634 430 75 TwinFLASH white Order no. 634 440 55
 2 tone siren Order no. 635 700 75	 TwinLIGHT blue Order no. 634 530 75 TwinFLASH blue Order no. 634 540 55
 TwinLIGHT red Order no. 634 130 75 TwinFLASH red Order no. 634 140 55	 LED permanent light multicolour Order no. 634 450 55
 TwinLIGHT green Order no. 634 230 75 TwinFLASH green Order no. 634 240 55	 Pre-assembled signal tower TwinLIGHT green/yellow/red Order no. 639 301 01 --> continue with <b>4</b>
 TwinLIGHT yellow Order no. 634 330 75 TwinFLASH yellow Order no. 634 340 55	


**2**

 Terminal element Order no. 630 800 75
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 Terminal element Order no. 630 700 75
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**3**

 Extension tube Order no. 960 630 03
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 Extension tube Order no. 960 630 07
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**4**

Tube mounting	Single hole mounting	Base mounting
 Adapter for Tube mounting Order no. 630 830 00	 Adapter for Single hole mounting Order no. 630 820 00	 Adapter for Base mounting Order no. 630 810 00

Tube mounting	Single hole mounting	Base mounting
 Adapter for Tube mounting Order no. 630 730 00	 Adapter for Single hole mounting Order no. 630 720 00	 Adapter for Base mounting Order no. 630 710 00

**5**

 Bracket for assembly on aluminium profiles Order no. 960 630 02	 Bracket for concealed cable entry Order no. 960 630 01
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 Bracket for assembly on aluminium profiles Order no. 960 630 06	 Bracket for concealed cable entry Order no. 960 630 05
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You can find more accessories in our signal tower configurator at [www.werma.com](http://www.werma.com) as well as the most popular pre-assembled signal tower options with just one part number (also available for KombiSIGN 72 and 71).

## KombiSIGN 72 – Modular Signal Tower

There is no need to compromise with the KombiSIGN 72, because this product combines quick installation, excellent visibility and the highest level of flexibility. This saves time and money with regard to installation and order logistics.

- Smooth surfaces prevent dirt gathering and make cleaning easy
- Easy, intuitive installation – incorrect assembly is practically impossible (Poka Yoke)
- High-tech: the Signal Towers can easily be retro-fitted with SmartMONITOR (smart MDE alternative) or AndonSPEED (call for action system)
- TwinLIGHT and TwinFLASH combine two easily selectable light effects in one element





TwinLIGHT  
TwinFLASH





- 1 Select the required optical or audible elements or select a pre-configured signal tower.
- 2 Select the appropriate mounting option for your application.
- 3 Select the correct terminal element for your mounting option.
- 4 Where appropriate, select a base and the desired tube length (only for tube mounting).
- 5 Where appropriate, select the bracket and the contact box.

### ClassicLOOK – pre-assembled

Base mounting	Tube mounting
 <p>TwinLIGHT – 24 V AC/DC green/yellow/red Order no. 649 000 01</p>	 <p>TwinLIGHT – 24 V AC/DC green/yellow/red Order no. 649 000 02</p>

### DesignLOOK – pre-assembled

Base mounting	Tube mounting
 <p>TwinLIGHT – 24 V AC/DC green/yellow/red Order no. 649 001 01</p>	 <p>TwinLIGHT – 24 V AC/DC green/yellow/red Order no. 649 001 02</p>



# KombiSIGN 72 - Quickfinder 24 V AC/DC

## ClassicLOOK

**1**

 2 tone siren Order no. 645 870 75	 TwinLIGHT yellow Order no. 647 310 75 TwinFLASH yellow Order no. 647 320 55
 TwinLIGHT red Order no. 647 110 75 TwinFLASH red Order no. 647 120 55	 TwinLIGHT white Order no. 647 430 75 TwinFLASH white Order no. 647 440 55
 TwinLIGHT green Order no. 647 210 75 TwinFLASH green Order no. 647 220 55	 TwinLIGHT blue Order no. 647 510 75 TwinFLASH blue Order no. 647 520 55



## DesignLOOK

 2 tone siren Order no. 645 770 75	 TwinLIGHT yellow Order no. 647 330 75 TwinFLASH yellow Order no. 647 340 55
 TwinLIGHT red Order no. 647 130 75 TwinFLASH red Order no. 647 140 55	 TwinLIGHT white Order no. 647 430 75 TwinFLASH white Order no. 647 440 55
 TwinLIGHT green Order no. 647 230 75 TwinFLASH green Order no. 647 240 55	 TwinLIGHT blue Order no. 647 530 75 TwinFLASH blue Order no. 647 540 55

**2**

<b>Base mounting</b>	<b>Tube mounting</b>
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**3**

	
Terminal element with CAGE CLAMP® technology Order no. 640 800 00	Terminal element with CAGE CLAMP® technology Order no. 640 810 00

**4**

	<p>Tube Ø 25 mm, all anodized Order no.</p> <p>100 mm long 975 845 10 250 mm long 975 840 25 400 mm long 975 840 40 600 mm long 975 840 60 800 mm long 975 840 80 1000 mm long 975 840 03</p> <p>Base for tube, plastic Order no. 975 840 90</p> <p>Base for tube, metal Order no. 975 840 91</p>
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**5**

	
Bracket for base mounting Order no. 960 000 02	Bracket for base mounting with concealed cable entry Order no. 960 000 14
	
Bracket for 1-sided mounting Order no. 975 840 85	Bracket for tube mounting Order no. 960 000 01
	
Bracket for 2-sided mounting Order no. 975 840 86	


**2**

<b>Base mounting</b>	<b>Tube mounting</b>
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**3**

	
Terminal element with CAGE CLAMP® technology Order no. 640 900 00	Terminal element with CAGE CLAMP® technology Order no. 640 910 00

**4**

	<p>Tube Ø 25 mm, all anodized Order no.</p> <p>100 mm long 975 845 10 250 mm long 975 840 25 400 mm long 975 840 40 600 mm long 975 840 60 800 mm long 975 840 80 1000 mm long 975 840 03</p> <p>Base for tube, plastic Order no. 960 000 50</p>
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**5**

	
Bracket for base mounting Order no. 960 000 53	Bracket for base mounting with concealed cable entry Order no. 960 000 55
	
Bracket for 1-sided mounting Order no. 960 000 52	Bracket for tube mounting Order no. 960 000 54

You can find more accessories in our signal tower configurator at [www.werma.com](http://www.werma.com) as well as the most popular pre-assembled signal tower options with just one part number (also available for KombiSIGN 40 and 71).

## **eSIGN - the new benchmark in industrial signalling**

The new eSIGN brings new dimensions to light. Electronic modularity enables the product to create a variety of signal modes with various colours, brightness levels and light effects, from the classic signal tower to completely customised settings. eSIGN can also switch with ease between variable filling level indications or full-surface signalling. In addition to providing you with an overview of your process cycles, this also opens up completely new options.





## **eSIGN is available in a number of variants**

Do you believe that a high degree of technological sophistication and uncomplicated usability should not be contradictory? We agree. eSIGN provides quick and intuitive configuration via IO-Link or transfer of the configuration via USB. A range of installation options are available and commissioning is easy. Just as you would expect from WERMA as Europe's leading signal.

- ✓ 15 segments, freely triggerable
- ✓ With or without siren
- ✓ Standard 24 V version with transfer of the configuration via USB
- ✓ Version with IO-Link technology
- ✓ M12 connection



### **eSIGN 15 segments**

IO-Link with siren  
Order No. 657 610 55

IO-Link without Sirene  
Order No. 657 510 55

24 V with siren  
Order No. 657 600 55

24 V without Sirene  
Order No. 657 500 55



### **eSIGN 9 segments**

IO-Link with siren  
Order No. 657 110 55

IO-Link without Sirene  
Order No. 657 010 55

24 V with siren  
Order No. 657 100 55

24 V without Sirene  
Order No. 657 000 55

## **PRE-ASSEMBLED SIGNAL TOWERS**

Pre-assembled signal towers from WERMA come ready assembled and can be ordered as a compact unit with just one single number. Impressive features include their stylish design and diverse installation options, allowing them to be used in a wide range of areas.

## CleanSIGN - Pre-assembled Signal Tower

The CleanSIGN signal tower has been specifically developed and certified for use in clean rooms, food and hygiene areas as well as the pharmaceutical industry. The signal tower ensures maximum safety in these environments by reducing the risk of contamination.

- Easy-to-clean, hygienic design for optimal cleaning and disinfection
- Ensures food safety through the absence of uneven surfaces, elevated or countersunk elements where dirt can accumulate
- Use of food safe materials and resistant to cleaning agents (FDA approved)



### Wall mounting



red/green/yellow  
Order no. 695 300 55

RGY  
Order no. 695 200 55

RGB  
Order no. 695 000 55

### Base/Ceiling mounting



red/green/yellow  
Order no. 695 310 55

RGY  
Order no. 695 210 55

RGB  
Order no. 695 010 55

## KOMPAKT 37- Pre-assembled Signal Tower

The streamline KOMPAKT 37 can be ordered pre-assembled with just one single order number. It is also available with a M12 plug or cable connection, making it the perfect signal tower for whatever the application.

- With 1 to 5 tiers
- Up to six levels of signal escalation possible – including an audible signal
- In ClassicLOOK or DesignLOOK to suit all machine surfaces
- Clearly visible from all positions thanks to the OmniVIEW lens with no blind spots



- 1 Select the signal tower of your choice with or without buzzer, with the appropriate connection, housing colour, voltage and number of tiers.
- 2 Select up to two extension tubes.
- 3 Select the appropriate fixing accessories for your application, using for example a tube and base or a bracket mounting.
- 4 Where appropriate, select the bracket and the contact box.

### ClassicLOOK without buzzer


### DesignLOOK without buzzer

1	ClassicLOOK without buzzer		DesignLOOK without buzzer	
	Plug	Cable	Plug	Cable
	2 tier (green/red) Order no. 698 220 75	2 tier (green/red) Order no. 698 120 75	2 tier (green/red) Order no. 698 420 75	2 tier (green/red) Order no. 698 320 75
	2 tier (yellow/red) Order no. 698 230 75	2 tier (yellow/red) Order no. 698 130 75	2 tier (yellow/red) Order no. 698 430 75	2 tier (yellow/red) Order no. 698 330 75
	3 tier (green/yellow/red) Order no. 698 210 75	3 tier (green/yellow/red) Order no. 698 110 75	3 tier (green/yellow/red) Order no. 698 410 75	3 tier (green/yellow/red) Order no. 698 310 75
	4 tier (clear/green/yellow/red) Order no. 698 240 75	4 tier (clear/green/yellow/red) Order no. 698 140 75	4 tier (clear/green/yellow/red) Order no. 698 440 75	4 tier (clear/green/yellow/red) Order no. 698 340 75
	4 tier (blue/green/yellow/red) Order no. 698 250 75	4 tier (blue/green/yellow/red) Order no. 698 150 75	4 tier (blue/green/yellow/red) Order no. 698 450 75	4 tier (blue/green/yellow/red) Order no. 698 350 75
	5 tier (blue/clear/green/yellow/red) Order no. 698 260 75	5 tier (blue/clear/green/yellow/red) Order no. 698 160 75	5 tier (blue/clear/green/yellow/red) Order no. 698 460 75	5 tier (blue/clear/green/yellow/red) Order no. 698 360 75


Continue with 2 - see next page.  
Further voltage options can be found on our signal configurator at [www.werma.com](http://www.werma.com).


# KOMPAKT 37 - Quickfinder 24 V AC/DC


## ClassicLOOK with buzzer



1	Plug	Cable
	1 tier (red) Order no. 699 610 75	2 tier (green/red) Order no. 699 120 75
	1 tier (yellow) Order no. 699 630 75	2 tier (yellow/red) Order no. 699 130 75
	2 tier (green/red) Order no. 699 220 75	3 tier (green/yellow/red) Order no. 699 110 75
	2 tier (yellow/red) Order no. 699 230 75	4 tier (clear/green/yellow/red) Order no. 699 140 75
	3 tier (green/yellow/red) Order no. 699 210 75	4 tier (blue/green/yellow/red) Order no. 699 150 75
	4 tier (clear/green/yellow/red) Order no. 699 240 75	5 tier (blue/clear/green/yellow/red) Order no. 699 160 75
	4 tier (blue/green/yellow/red) Order no. 699 250 75	
	5 tier (blue/clear/green/yellow/red) Order no. 699 260 75	



## DesignLOOK with buzzer





Plug	Cable
1 tier (red) Order no. 699 810 75	2 tier (green/red) Order no. 699 320 75
1 tier (yellow) Order no. 699 830 75	2 tier (yellow/red) Order no. 699 330 75
2 tier (green/red) Order no. 699 420 75	3 tier (green/yellow/red) Order no. 699 310 75
2 tier (yellow/red) Order no. 699 430 75	4 tier (clear/green/yellow/red) Order no. 699 340 75
3 tier (green/yellow/red) Order no. 699 410 75	4 tier (blue/green/yellow/red) Order no. 699 350 75
4 tier (clear/green/yellow/red) Order no. 699 440 75	5 tier (blue/clear/green/yellow/red) Order no. 699 360 75
4 tier (blue/green/yellow/red) Order no. 699 450 75	
5 tier (blue/clear/green/yellow/red) Order no. 699 460 75	



2	Extension tube
	Order no. 960 698 02

Extension tube	
	Order no. 960 698 04

3	Single hole mounting	Bracket mounting	Base mounting
	Bracket for base mounting Order no. 960 630 02		Base with integrated tube Order no. 960 698 01

Single hole mounting	Bracket mounting	Base mounting	
	Bracket for base mounting Order no. 960 630 06		Base with integrated tube Order no. 960 698 03

4	Bracket for base mounting with concealed cable entry; Order no. 960 000 14
	Order no. 960 000 01
	Order no. 960 000 41
	Order no. 975 840 01
	Order no. 975 840 04

	Order no. 960 000 55
	Order no. 960 000 54

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01/21-990.034.02-E

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