

A comprehensive range of modern Nearside Signals conforming to HA specification TR2511 offering market leading optical performance and high quality signal presentation close to the public.

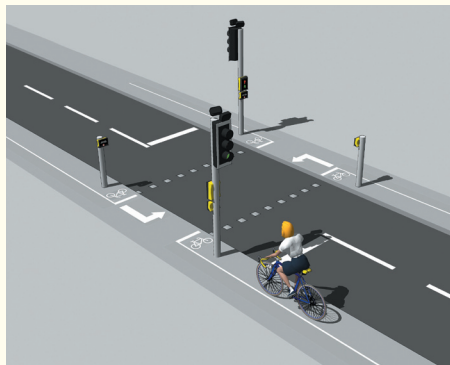
- Modern style with patented rotational adjustment features (GB2417817)
- Compatible with industry controllers for ELV and DCM
- Unrivalled optical performance
- Patented Narrow Field of View options via internal louvres
- Queen's Awards winning one-part solution

The full suite comprises Puffin, Toucan and Pegasus combined signals. Puffin and Toucan variants are also available as two part solutions with a separate push-button unit. These compact two part signals can be deployed as high level repeaters on busy crossing sites.

PEDESTRIAN CONTROL



PEDESTRIAN & CYCLE CONTROL

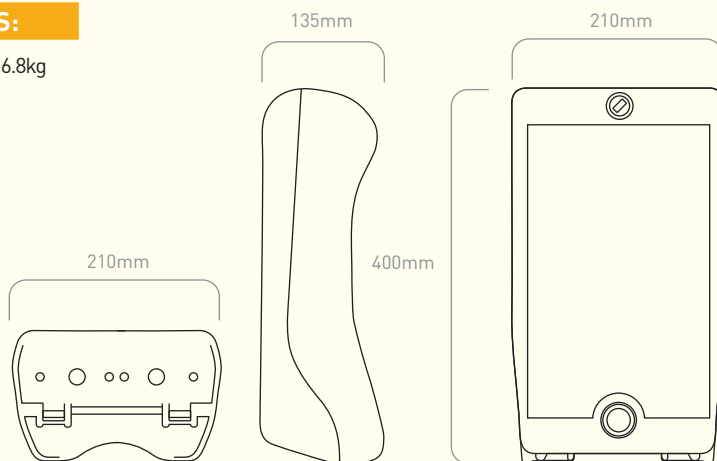


FEATURES

- Compact one and two-part solutions
- Lowest power one-part signal in class
- Elexon codes available*
- High signal uniformity and high phantom performance
- Wrap around shape that hugs the mounting pole
- Illuminated vandal resist push button
- Ease of installation and maintenance
- Proven reliability

DIMENSIONS:

Weight: 946/947 - 6.8kg





SPECIFICATIONS

Technology	High intensity LED
Screen Impact Resistance	IK10 - BS EN 50102 (single impact)
Housing Material	Die-Cast aluminium alloy
Signal Colour	Meets requirement of BS EN 12368 Signal uniformity < 2:1
Operating Temp	-30°C to +60°C
Power Supply	48Vac
Power	Green 10W Bright 3.0W Dim Red 7 W Bright 2.3W Dim
Dimming	20% of the nominal normal intensity
Pole Adjustment	±15° Rotational
Approved to:	BS EN 50293 TR2511

*Full Elexon code available on Elexon website www.elexon.com or AGD website www.agd-systems.com



94X TESTING PROCESS

	TEST EQUIPMENT:	ORBITOR™	 <small>INTELLIGENT DETECTION SYSTEMS</small> <small>ORBITOR was designed and developed by AGD Systems</small>
	PRODUCT TEST:	94X 95X	
	TEST FUNCTION:	<ul style="list-style-type: none"> • Aspect optical chromaticity measurement • Push button switch test • Aspect voltage and current measurements • Test cycle time of 5 minutes 	



Orbitor™ and **Neptune™** are bespoke sets of test equipment designed and developed by AGD Systems. They are dedicated to the testing of the 94X nearside signals and 100% of units manufactured at AGD are Certified by Orbitor.

The key test functions performed by Orbitor to Certify the premium performance of your Nearside Signal:



- Aspect optical chromaticity measurement
- Push button switch test
- Aspect voltage and current measurements
- Test cycle time of 5 minutes

Orbitor is a sophisticated test chamber where an optical specbos travels beneath the illuminated aspects in both normal and dim modes to measure and display the optical chromaticity of each individual nearside signal aspect. Aspect voltage and current measurements are taken in both operating modes and full push button operation is verified during the test cycle.



UNRIVALLED

Conforms to HA specification TR2511 offering market leading optical performance as Certified by Orbitor and Neptune

	TEST EQUIPMENT:	NEPTUNE™	 <small>INTELLIGENT DETECTION SYSTEMS</small> <small>NEPTUNE was designed and developed by AGD Systems</small>
	PRODUCT TEST:	94X	
	TEST FUNCTION:	<ul style="list-style-type: none"> • Testing of aspects on full and dim voltages • Full NSS screen test • Push button switch board test cycling • Burn in > 15hrs 	

LIFETIME PRODUCT TRACEABILITY

There are clearly defined pass and fail criteria at all stages within the Orbitor and Neptune test processes. The test results in association with the product build revision are recorded on a product serial number basis. The full suite of test measurements is instantly sent to the dedicated product database within the AGD secure server facility, providing full traceability during the product lifetime.

The AGD Certified symbol is your mark of assured performance.

The key test functions performed by **Neptune** to Certify the premium performance of your Nearside Signal are:

- Testing of aspects on full and dim voltages
- Push button switch board test cycling
- Full NSS screen test
- Burn in > 15hrs

100% of signal aspect and switch board assemblies are Certified by Neptune.



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