

Permanent Speed Check for Skiers

The **ALGE-TIMING Speedy** is a permanent speed measuring system for skiers that allows every skier to measure his speed on a part of the slope that is especially marked off for this purpose.

The measurement is done with a radar. Such a system has advantages in handling compared to other systems e.g. with photocells. The photocells always need to be removed after a heavy snowfall and the slope must be re-prepared, whereas the radar is mounted high-up and does not need maintenance.

The installation of the Speedy is very simple. You need a proper skiing slope that is closed off and only used for speed measurement to prevent accidents. Each skier has to run the slope separately. At the end of the slope a radar measures the speed and display it on the display board.

The radar can measure speeds of 20 to 241 km/h (12 to 150 mph). The 3-digit display board displays the speed with a decimal point at speeds of 20.0 to 99.9 km/h (or m/s or mph) and for speed of 100 km / (m/s or mph) and higher without decimal place.

The Speedy is used in many skiing areas with huge success und is a very popular attraction for the skiers. In most cases the speed slope is installed at such lifts that are less frequented. The Speedy attracts more skiers who will then use this ski lift.

There are two different models of the Speedy available. The difference is in the figure height of the display boards:

Speedy 150-3-R: LED display board D-LINE150-O-3-E0 with 3 digits (figure height 150 mm (6 inch)), radar box D-RAD and cable

Speedy 250-3-R: LED display board D-LINE250-O-3-E0 with 3 digits (figure height 250 mm (9.8 inch)), radar box D-RAD and cable

Technical Data

Speed:	from 20 to 241 km/h (12 to 150 mph)
Measuring Unit:	km/h, m/s or mph
Accuracy:	+/- 1 km/h (m/s)
Beam Width:	12° horizontal
Power Supply:	100 - 240 VAC or 12 VDC
Power Consumption:	max. 17 Watt (Speedy 150-3-R) max. 37 Watt (Speedy 250-3-R)
Operation Temperature:	-20°C to +60°C (-4°F to 140°F)

