

# Ballspeed BSS

## Speed Measurement for Soccer, Football or Rugby

**Do you want to measure the kicking strength of your team?  
Do you want to have additional income during the matches?  
Do you want to offer your spectators an attractive program?**

If you answer one of the above questions with "YES" you need to check out the ALGE Ballspeed system. It is easy to install, the measurement is precise and everybody can see the result on the display board. It needs very limited space and it has an internal power supply with rechargeable batteries.



### How does "Ballspeed" measure the speed of the ball?

You set up two photocells in a distance of 1 m. The distance is exactly given by the fixing bars. The first photocell is a standard ALGE RLS1n. The second photocell has three photocells built into one case. This means you measure also the speed of the ball, if the ball does not move flatly.

The ball will be set up before the first photocell. When you kick the ball it triggers both photocells. The Timy will measure the time and calculate the speed. The speed will be shown on the display board.

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T I M I N G

## Ballspeed Components:

All Ballspeed Systems have the following components:

- Photocell RLS1n
- Photocell RLS3c
- Mounting set to mount the photocells

From the measuring device and the display board you can choose between two models:

- Measuring Device Timy XE or Timy PXE
- Display Board GAZ4 315 with Powerpack or Display Board D-LINE150-O-3-E0

## Ballspeed Models:

Ballspeed BS-L-XE:	Timy XE and Display Board D-LINE150-O-3-E0
Ballspeed BA-L-PXE:	Timy PXE and Display Board D-LINE150-O-3-E0
Ballspeed BS-G-XE:	Timy XE and Display Board GAZ4 315+PP4
Ballspeed BS-G-PXE:	Timy PXE and Display Board GAZ4 315+PP4

## Measuring Device Timy XE:

Speed measuring device with universal software (timing is possible as well). Additionally the device stores all measuring results and has a RS232 or USB interface for communication with PC.

## Measuring Device Timy PXE:

Speed measuring device with universal software (timing is possible as well). An internal printer logs all the measured values. Additionally the device stores all measuring results and has an RS232 or USB interface for communication with PC.



## Display Board D-LINE150-O-3-E0:

Display Board with 3 red LED figures, figure height 15 cm, maximal reading distance about 70 m, best readability also at direct sunlight, rugged outdoor aluminium case. Shows the ball speed. Complete with integrated power supply (100 - 240 VAC).



## Display Board GAZ4 315:

Display Board with 3 bi-stable figures, figure height 15 cm, maximal reading distance about 70 m, best readability also at direct sunlight, rugged outdoor aluminium case. Shows the ball speed. Complete with integrated powerpack (built-in battery and charger).



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