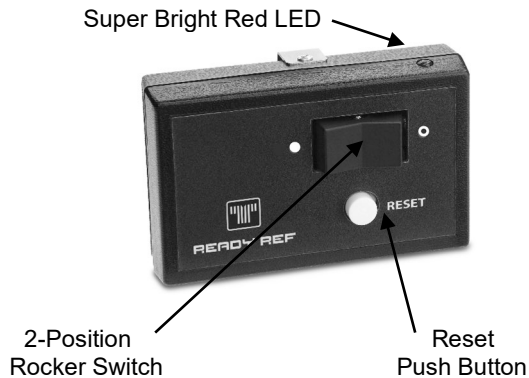


Model #1132 Ready Ref



- ✓ **Small & Lightweight**
3.8" Wide x 2.4" High x 1" Deep
4.7 ounces
- ✓ **9-Volt Battery Included**
10,000-cycle battery life
- ✓ **Microprocessor Circuit**
Accurate to within .001 seconds
- ✓ **Secure 2" Belt Loop**



- ✓ **Rain Case Included**



- ✓ **Lifetime Warranty**
Guaranteed to operate reliably for as long as you own it. Simply return Ready Ref with \$13 for return shipping, and we repair it free.

To Order

Ready Ref is manufactured, sold, and serviced directly from our factory in Marietta, Ohio. Order online or call toll-free, Monday through Friday, 8:00 a.m. to 5:00 p.m. EDT. We are often available before and after office hours. Call us anytime.

Telephone orders placed using a credit card are shipped within 24 hours via USPS Priority Mail. Mail-in orders with a check or money order are shipped within 24 hours.

Model 1132 Ready Ref.....\$79.00

Shipping & Handling.....\$13.00

Ohio residents add 7.25% sales tax

Order online

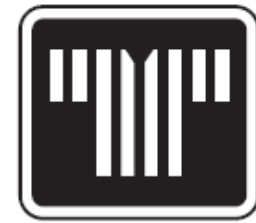
www.ready-ref.com

or

1-800-223-5395



Grimm Scientific Industries, Inc. TEL: 800-223-5395
P.O. Box 2143 FAX: 740-374-5745
Marietta, OH 45750 EMAIL: grimm@ee.net



READY REF

**The Officials' Standard
for On-Field Timing**



**#1132 Football Timer
(Two Pre-warnings)**

- ✓ Allows you to concentrate on your responsibilities without the distraction of checking a wrist watch
- ✓ Gives teams the fairness of timing intervals permitted by rule and develops a nice, even flow to the game
- ✓ Silent vibrator provides discreet notification at 40 and 25 seconds with warning signals at 20, 30, and 35 seconds

#020130-2-23-24-JEG-HMB

www.ready-ref.com

Operation



1. Press the rocker switch to the “●” white dot position. Ready Ref will vibrate for two seconds at 25 seconds, again for two seconds at 30-seconds, and finally for 5 seconds at 35 seconds
2. Press the rocker switch to the “○” open circle position. Ready Ref will vibrate for two seconds at 15 seconds then vibrate again for five seconds at 20 seconds
3. The “Reset” push button resets the timer (*Place finger on this button when teams line up, then press it at the snap to prepare for ending the next down, and only signal when needed*)

Maintenance

- Start each season with a new battery.
- Protect from direct heavy rain with the Rain Case provided
- When wet remove battery cover and battery then allow 24 hours to air dry

Important: Every time you reconnect the battery, press the rocker switch to “○” open circle position and allow Ready Ref to finish one complete timing cycle thru all vibration signals until the LED cycles off. This will activate the microprocessor’s battery saving feature.

Delay-of-Game

Forty-Second Mechanic

1. Press the rocker switch to “●” for timing the 40-second play clock
2. At the 25-second vibration administer the reset to 25 seconds
3. At the 30-second vibration raise hand above your head, then at the 35-second vibration start a counting motion with the same hand
4. The vibration signal will last for 5 seconds to help pace the count and alert you of the delay of game when it stops
5. Press the reset button when the ball is snapped to prepare for ending the down.



Twenty-Five Second Mechanic

1. Press rocker switch to “○” for timing the 25-second play clock
2. At the 15-second vibration raise hand above your head then at the 20-second vibration start a counting motion with the same hand
3. The vibration signal will last for 5 seconds to help pace the count and alert you of the delay of game when it stops.
4. Press the reset button when the ball is snapped to prepare for ending the down.

Time-Out

1. Press the rocker switch to “●” for timing the 60-second time out periods
2. When Ready Ref signals the 40-second pre-warning vibration the game official responsible for timing should reset Ready Ref and press the rocker switch to “○” and verbally notify the Referee and Wing Officials to give the coach’s warning.
3. When Ready Ref signals the final 20-second vibration the official should verbally notify the Referee who will give three short blasts with the whistle followed by the ready-for-play signal.

Ready Ref Personal Timers

- 1128 Football – One Pre-Warning
- 1132 Football – Two Pre-Warnings
- 1140 NCAA Baseball – Silent
- 1141 NFHS Baseball - Silent
- 1145 NCAA Softball – Silent
- 1146 NFHS Softball - Silent
- 1150 Lacrosse – Silent
- 1155 Lacrosse – Buzzer
- 1190 Universal - Silent
- 1195 Universal - Buzzer