

# CRITICAL MASS

By Todd Stalter

“Critical mass” is a scientific term that refers to the smallest amount of fissile material needed to sustain a nuclear chain reaction. The work begins with an explosion of sound, then launches forward through small, ever-growing melodic fragments that expand outward and upward. Ostinati and lively, bold rhythmic statements are present throughout the work, which ends in an almost violent display of musical imagery.

## Instrumentation

1 — Conductor Score  
10 — Flute  
2 — Oboe  
2 — Bassoon  
4 — 1st B $\flat$  Clarinet  
4 — 2nd B $\flat$  Clarinet  
4 — 3rd B $\flat$  Clarinet  
2 — B $\flat$  Bass Clarinet  
2 — 1st E $\flat$  Alto Saxophone  
2 — 2nd E $\flat$  Alto Saxophone  
2 — B $\flat$  Tenor Saxophone  
1 — E $\flat$  Baritone Saxophone  
3 — 1st B $\flat$  Trumpet  
3 — 2nd B $\flat$  Trumpet  
3 — 3rd B $\flat$  Trumpet

2 — 1st F Horn  
2 — 2nd F Horn  
2 — 1st Trombone  
2 — 2nd Trombone  
2 — 3rd Trombone  
2 — Euphonium  
4 — Tuba  
Percussion — 7 players:  
1 — Bells  
1 — Xylophone  
2 — Percussion 1  
(Snare Drum, Bass Drum)  
5 — Percussion 2  
(Suspended Cymbal/Triangle/  
Woodblock, Tambourine/  
Tom)  
1 — Timpani

### World Parts

available for download from  
[www.alfred.com/worldparts](http://www.alfred.com/worldparts)

E $\flat$  Alto Clarinet  
E $\flat$  Contra Alto Clarinet  
B $\flat$  Contra Bass Clarinet  
1st E $\flat$  Horn  
2nd E $\flat$  Horn  
1st Trombone in B $\flat$  T.C.  
2nd Trombone in B $\flat$  T.C.  
3rd Trombone in B $\flat$  T.C.  
1st Trombone in B $\flat$  B.C.  
2nd Trombone in B $\flat$  B.C.  
3rd Trombone in B $\flat$  B.C.  
Euphonium in B $\flat$  B.C.  
Euphonium T.C.  
Tuba in B $\flat$  T.C.  
Tuba in B $\flat$  B.C.  
Tuba in E $\flat$  T.C.  
Tuba in E $\flat$  B.C.  
String Bass

