



digital  
stage

# digital stage

The digital stage for art, music and theatre ensembles

[digital-stage.org](https://digital-stage.org)



SOLUTION  
ENABLER

# The problem

Ensembles would like to rehearse and perform online, but most of the available videoconferencing solutions make it impossible to play music or theatre together

...At  
Affordable  
Cost



digital  
stage



## our solution

Audio-video  
Conference service  
especially for music,  
dance, theatre and  
visual arts - free of  
charge for free  
ensembles and  
institutions



## 3 Versions

with varying complexity,  
increasing AV quality  
and decreasing latency



In recommended  
browsers,  
iOS, Android



Windows 10  
MacOS X High  
Sierra 10.13 or  
Mojave 10.14,  
selected Linux  
distributions, based  
on OrlandoViols  
technology



Minicomputer with  
USB audio/video  
and direct LAN  
connection, based  
on OrlandoViols  
technology



			
Number of participants	20-30	10	10
Audiolatenency	< 100 ms*	25-50 ms*	25-50 ms*
Acting and dance rehearsals	★★★★	★★★★	★★★★
Musical rehearsals comparable to a 15m stage	★★☆☆	★★★★	★★★★
Musical rehearsals with 30ms latency	★★☆☆	★★★☆☆	★★★★

\* May vary depending on provider, usage and time of day.

## Applications

possible use cases



## planned features

Subgroups (e.g.  
SATB for choirs)

time-synchronous  
metronome optical  
and acoustic

time-synchronous  
display of scores  
and voices

Virtual mixing  
console

Own audio signal  
can be mixed  
(monitor)

Multiple audio  
tracks per  
participant

Peer2peer Audio  
with selected  
participants

3D Audio

Free arrangement  
of the video images

Multiple video  
devices per  
participant

Streaming with  
payment barrier

Servers in DE or  
EU



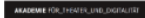



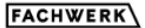






























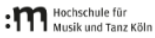











GDPR compliant

Customized special  
editions

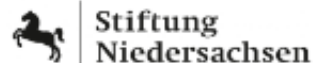
Open source

free for members of  
artistic associations  
and project partners

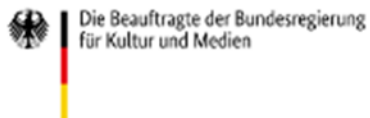


 Institut für künstlerische Forschung	 INTERNATIONALES THEATERINSTITUT	 AKADEMIE FOR THEATRE UND DIGITALISIERUNG	 Hochschule Anhalt Anhalt University of Applied Sciences	 HfMT HAMBURG	 Orlando	 FACHWERK	 Technology Arts Sciences TH Köln
 Technology Arts Sciences TH Köln	 TV		 UNI MOZART EU	 hdk Zürcher Hochschule der Künste Zürich University of the Arts	 symonics High Quality Media	 aconet Austrian Academic Computer Network	 bundesverband freie darstellende de künste
 DEUTSCHER CHORVERBAND	 ECA EUROPEAN CHORAL ASSOCIATION	 T! Interdiziplinäre Gruppe im Deutschen Bühnenverein	 LANDESMUSIKRAT BERLIN musik für alle	 40 LANDESMUSIKRAT.NRW	 Die deutschen Musikhochschulen	 Akademie für Darstellende Kunst Württemberg	
 Bundesministerium für Bildung und Forschung	 Landesverband Freier Theater in Niedersachsen e.V.	 Stiftung Niedersachsen	 5Minds	 ERZBISTUM KÖLN	 THE CITY THEATRE GENT	 Schauspielhaus Zürich	 dSCHOTT
 Swiss ITI	 SWR	 Berufshochschule für Musik Oberfranken	 Bundesakademie für Kulturelle Bildung Wolfenbüttel	 HOCHSCHULE FÜR MUSIK HANS ESSLER BERLIN	 Hochschule für Musik und Tanz Köln	 NTNU	 Hochschule für Musik Würzburg university of music
 Uio Universität i Oslo		 Lufthansa Industry Solutions	 HACK CRISIS MANAGEMENT PLATFORM	 incowia		 sendesaal bremen	 Silberdraht 0800 10 7000 0 Digitale Informationen & Unterhaltung per Telefon
 MÄDING VERANSTALTUNGSTECHNIK							





## Endorsed by



# digital-stage.org

Questions?

[contact@digital-stage.org](mailto:contact@digital-stage.org)

