

SNIMANJE MUZIČKIH INSTRUMENATA

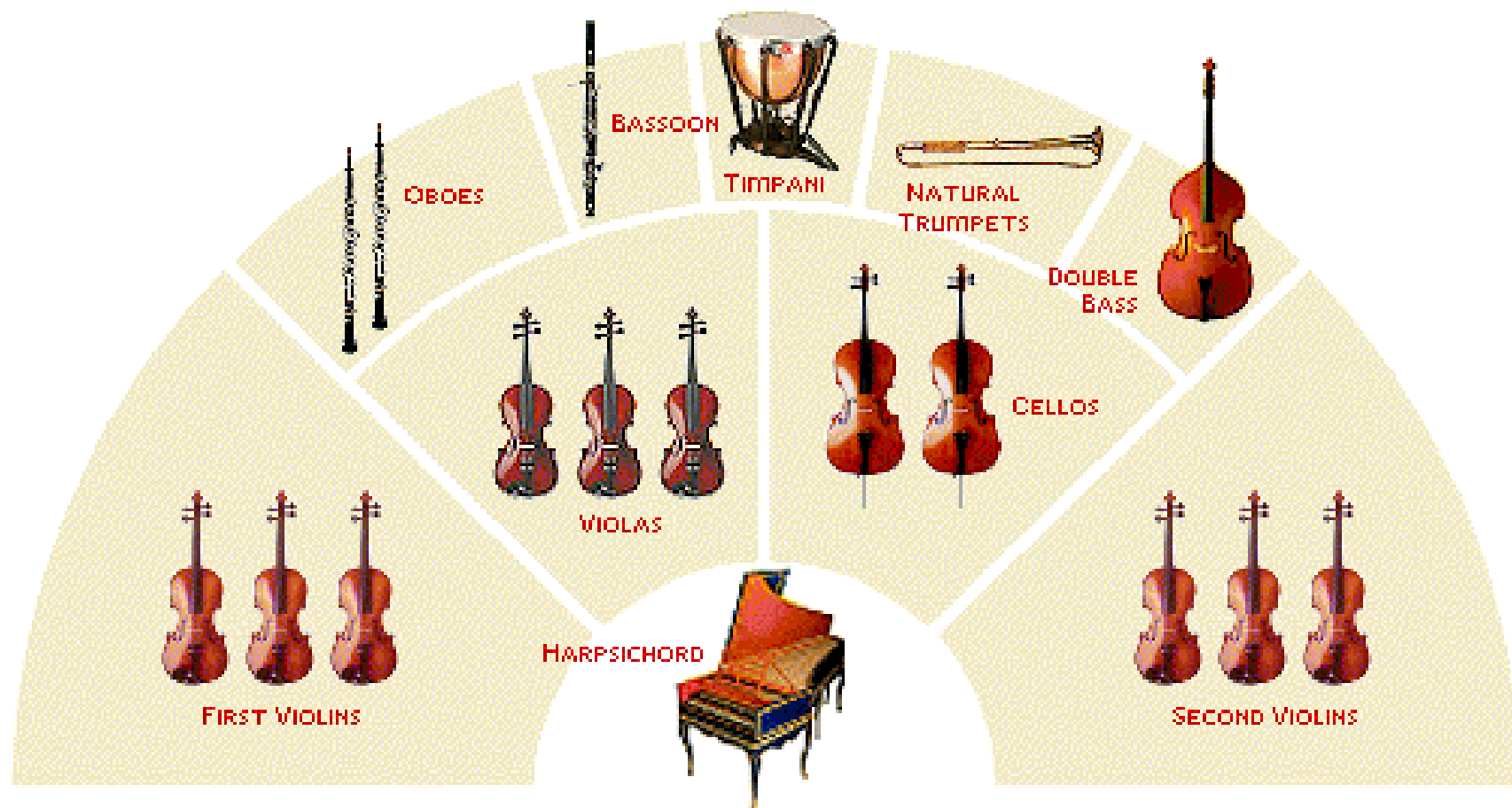
Sonja Krstić



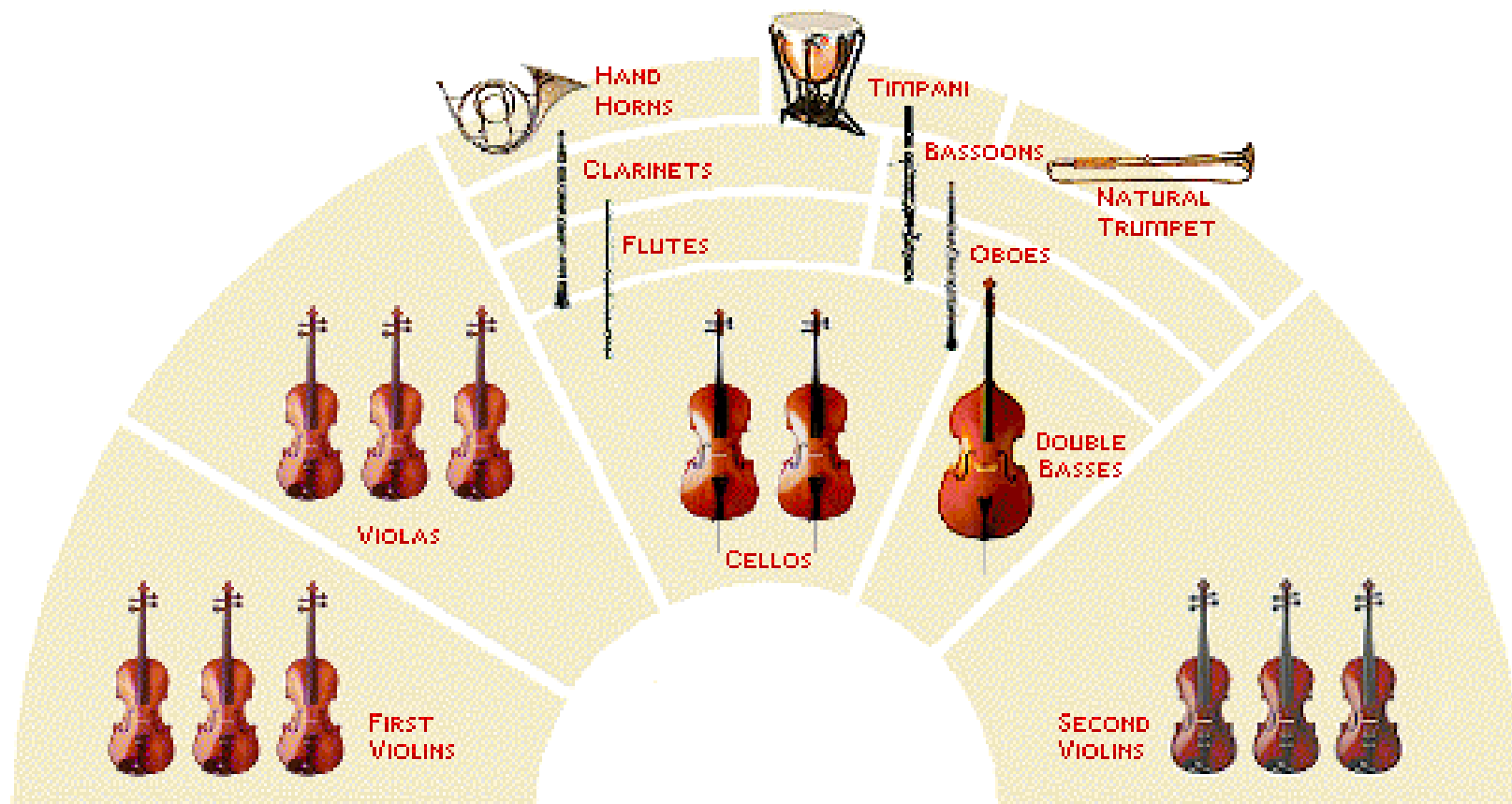
VISER

SNIMANJE ORKESTRA

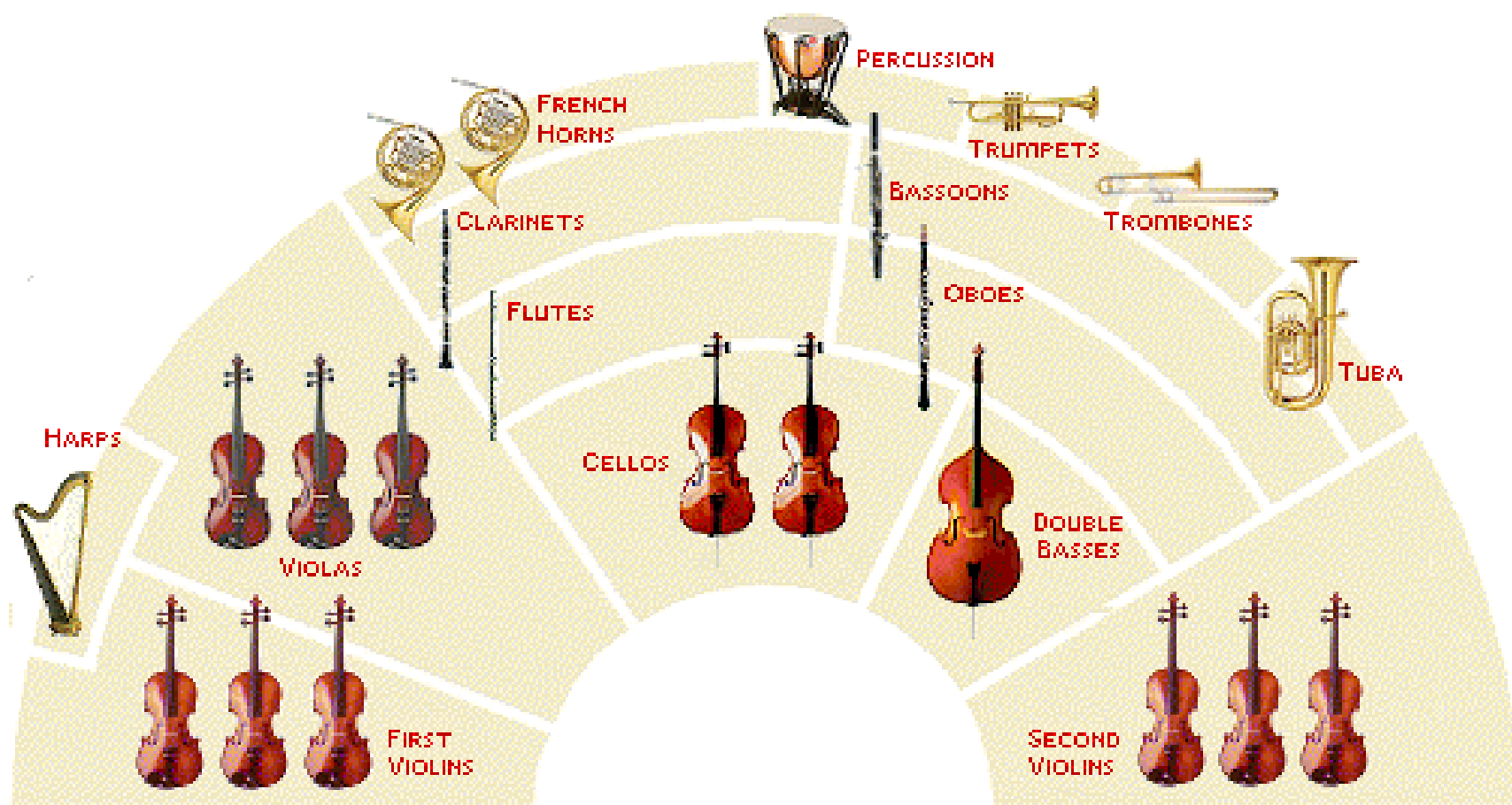
BAROKNI SIMFONIJSKI ORKESTAR

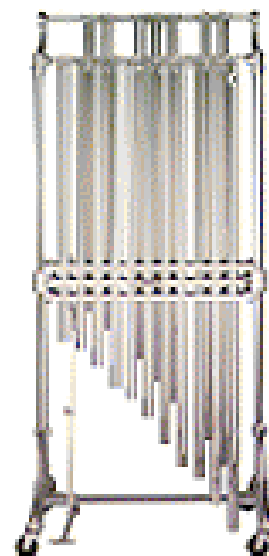
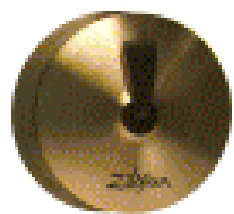


KLASIČNI SIMFONIJSKI ORKESTAR

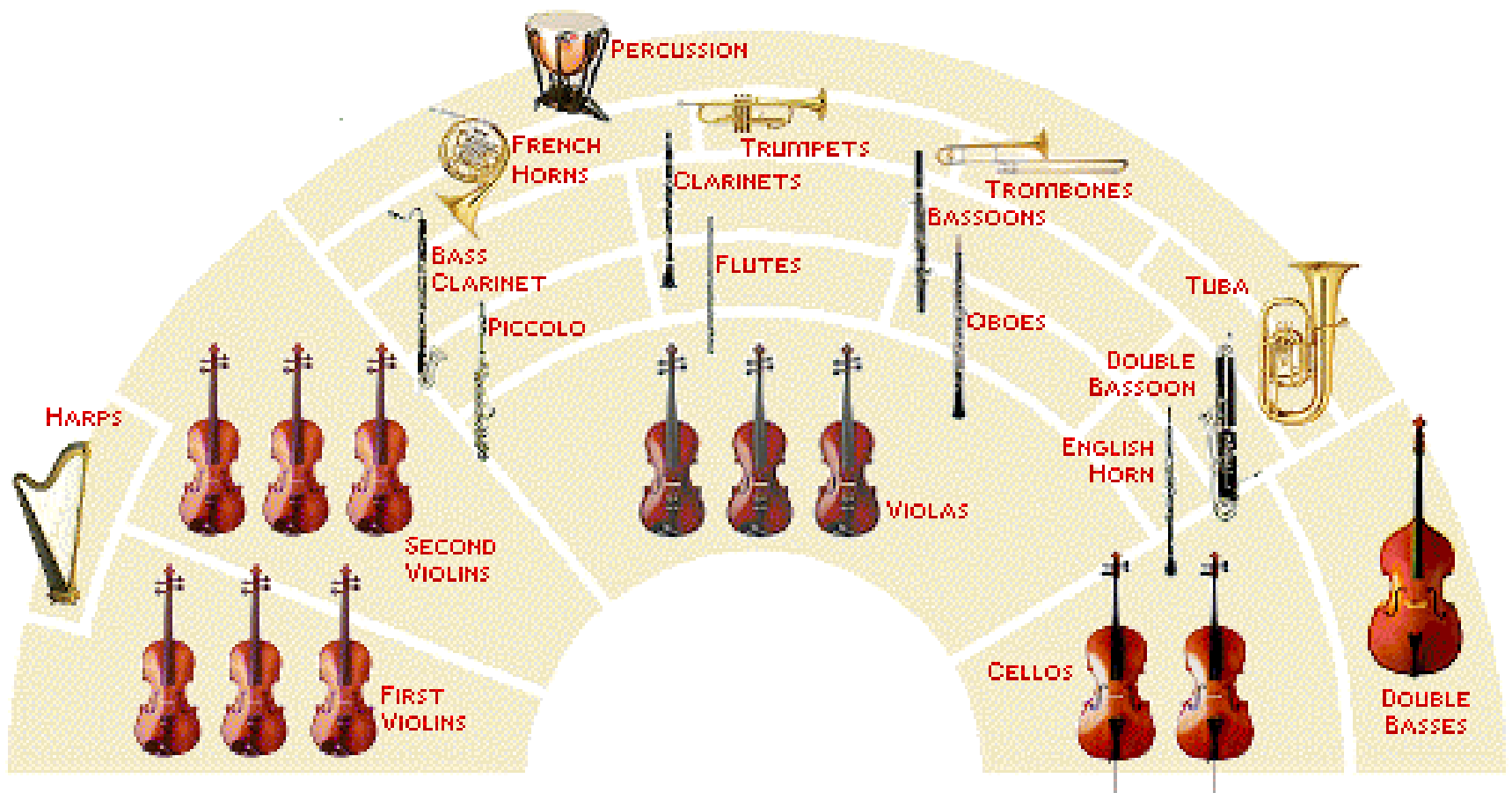


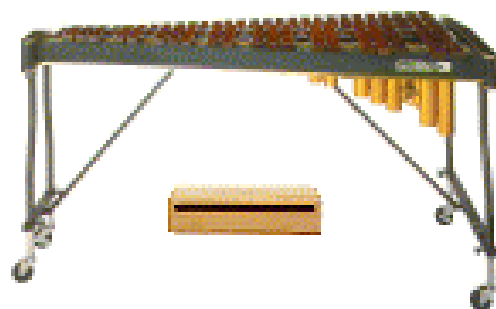
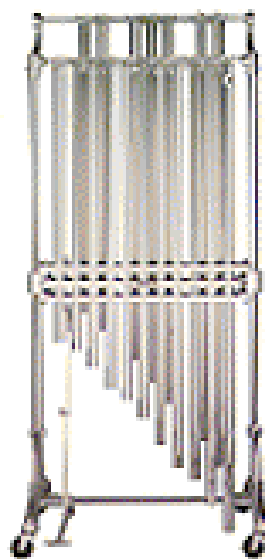
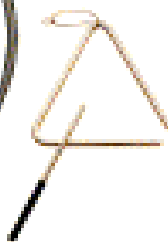
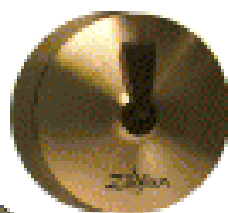
SIMFONIJSKI ORKESTAR XIX VEKA





SIMFONIJSKI ORKESTAR XX VEKA





Video

*University of Surrey
Piccolo Concerto*

KAMERNI ANSAMBLI

BAROKNA TRIO SONATA

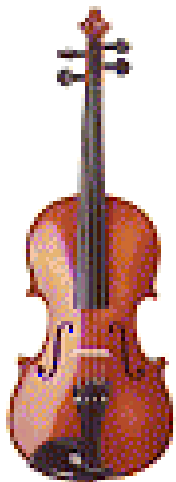


GUDAČKI KVARTET





KLAVIRSKI TRIO





Video

University of Surrey

Tarantula -

Violin Concerto

DUVAČKI OKTET



JAZZ ANSAMBLI



Video

*University of Surrey
Vamo Alla Django -
Gypsy Jazz Remix*

MALI JAZZ BAND



DIXIELAND BAND



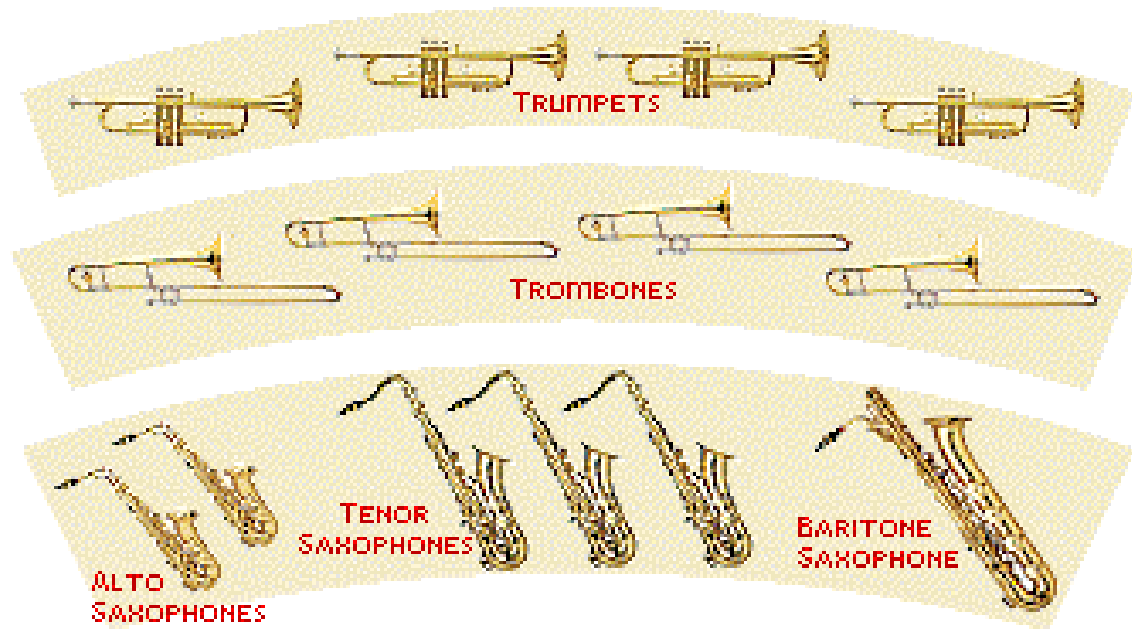
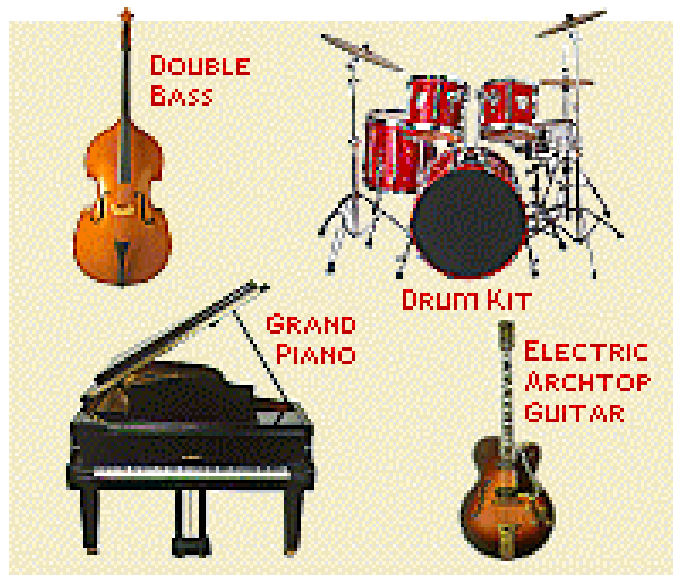
Video

University of Surrey

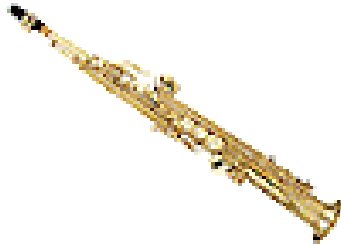
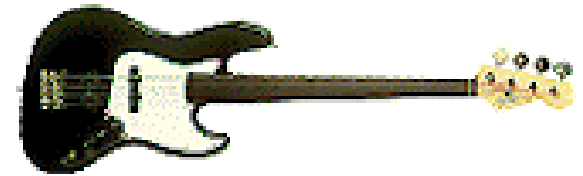
The Fresh

Dixie Project

BIG BAND



JAZZ - ROCK FUSION BAND



Video

University of Surrey

Songs

1

Video

University of Surrey

Songs

2

ROCK ANSAMBLI

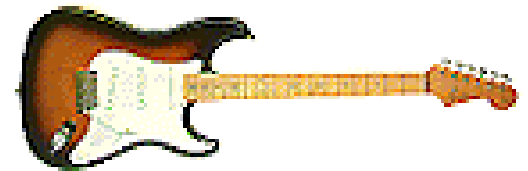
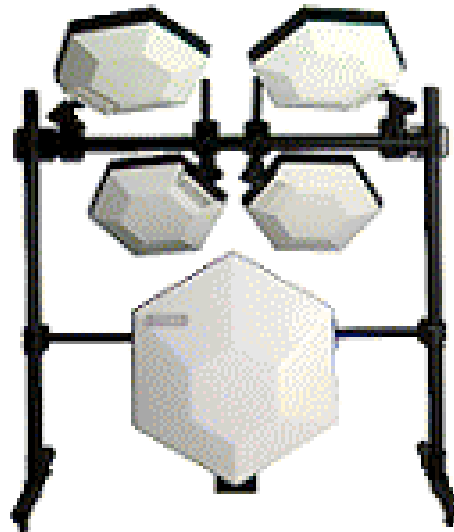
ROCK'N ROLL BAND



HEAVY - METAL BAND



POP BAND



Video

University of Surrey

Songs

3-1

Video

University of Surrey

Songs

3-2

STEEL ANSAMBLI

CALIPSO



ORKESTARSKI ARANŽMAN



DUVAČKI ANSAMBLI

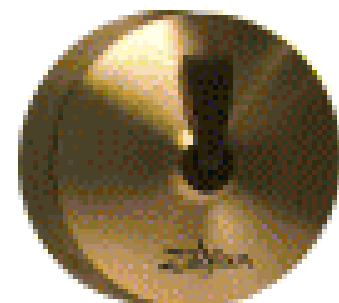
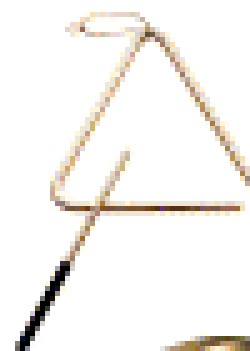
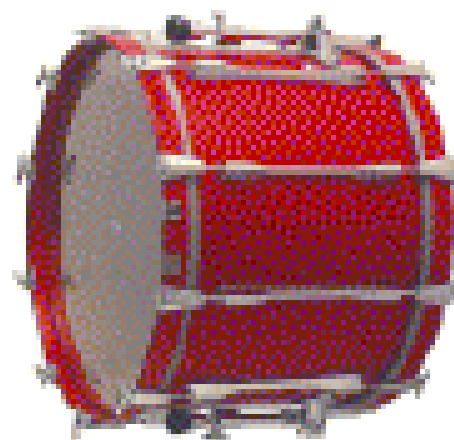


ORKESTAR ZA MARŠEVE



KONCERTNI DUVAČKI ORKESTAR



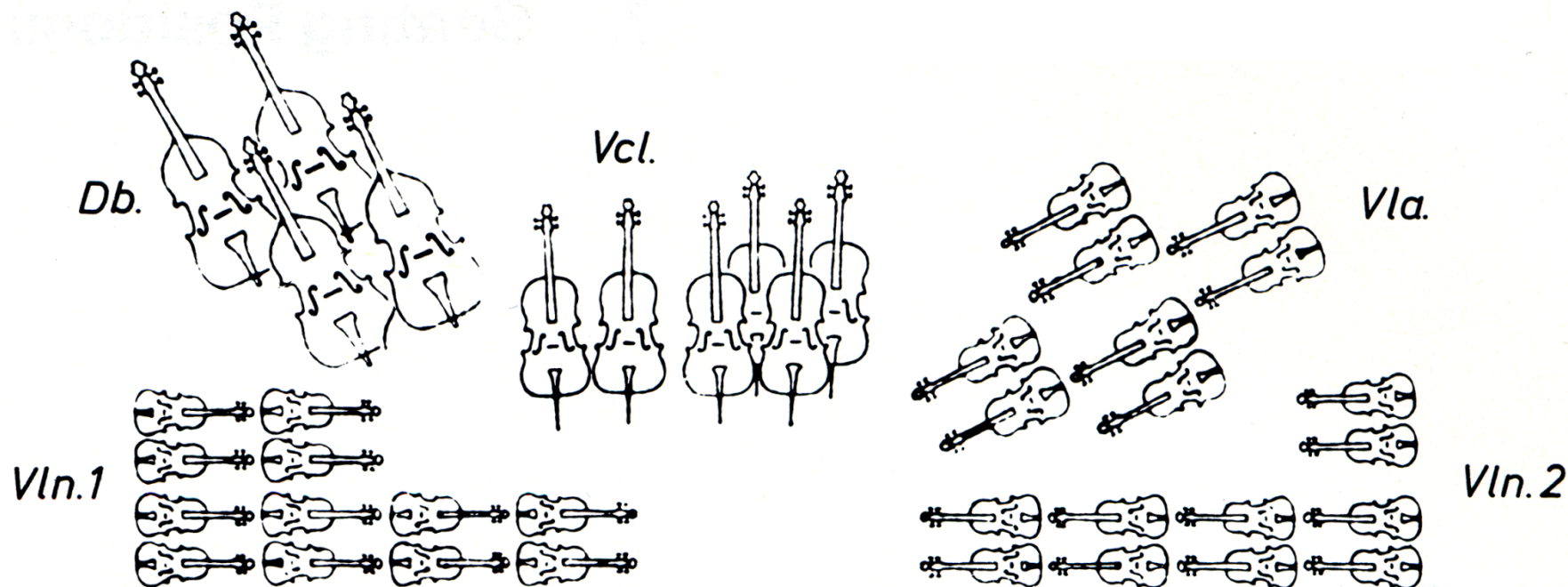


Video

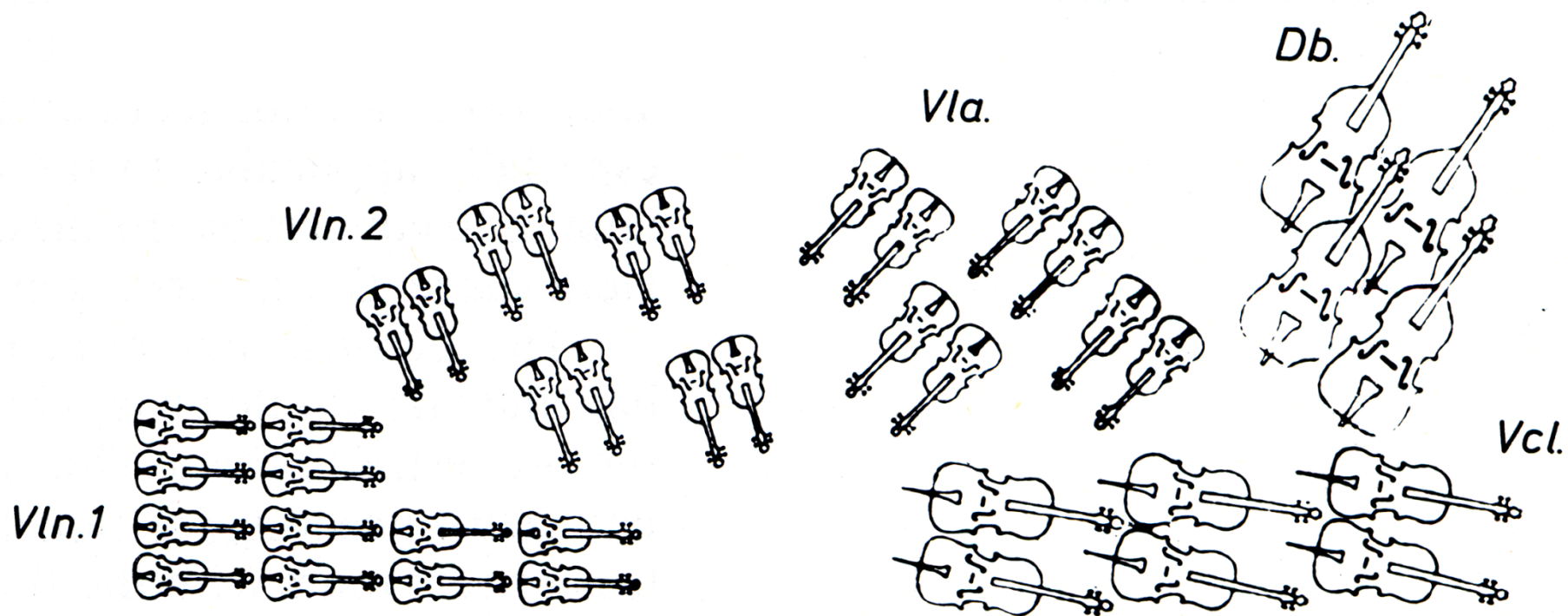
*University of Surrey
Concerto Syrenica*

SIMFONIJSKI ORKESTAR

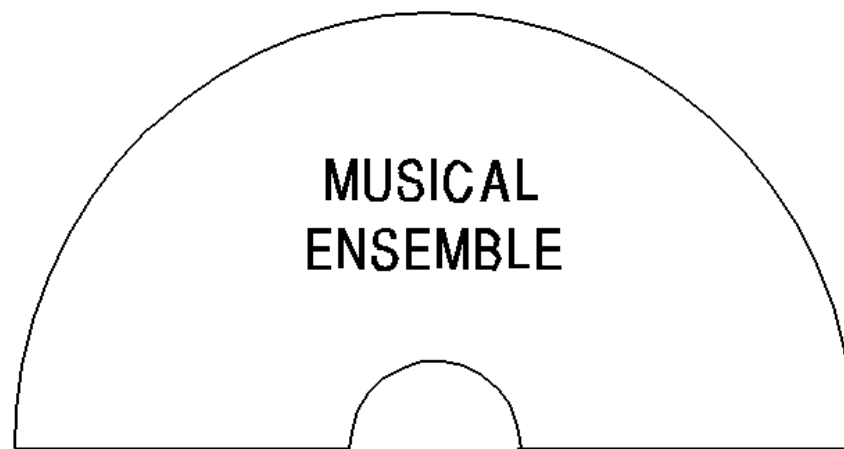
POZICIJA GUDAČA U SIMFONIJSKOM ORKESTRU



Nemački aranžman sedenja



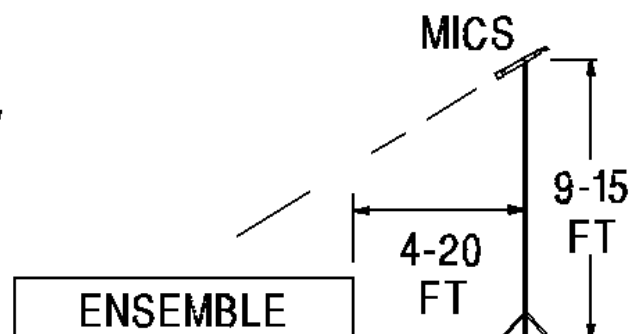
Američki aranžman sedenja



TOP VIEW



SIDE VIEW



- Audio inženjeri koriste raznolike metode za snimanje orkestra i malih ansambala.
- Postavljaju **1** stereo mikrofona **iznad glave dirigenta**.
- Koriste **nekoliko spot** mikrofona za snimanje pojedinih sekcija instrumenata i **nekoliko** mikrofona za **ambijent**.
- U narednim slikama prikazana je postavka sa Royer mikrofona za snimanje orkestra.

Royer R-122 V Bändchenmikrofon



- **1** stereo Royer SF 24 na **1.5 m** iza i **1 m** iznad dirigenta.



- Hanry Mancini Orcestra koncert: **1** R 122 **spot**
mikrofon na **solo** saksofonu.



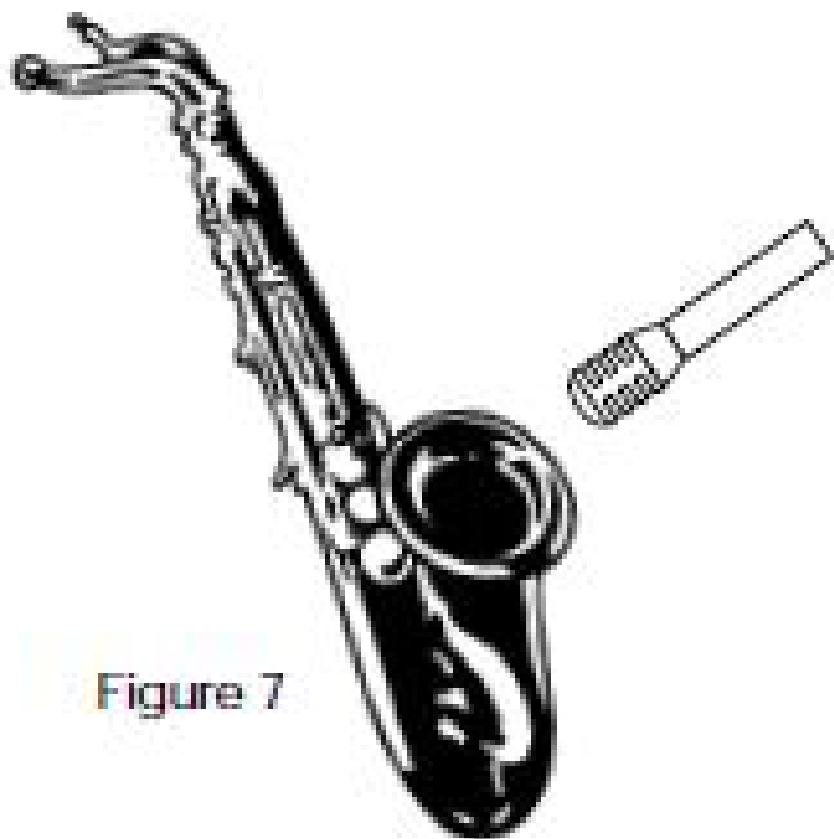


Figure 7



- Hanry Mancini Orcestra koncert: **1** R 122 **spot** mikrofon na **solo** violini.
- Gold SF 24 **stereo ribbon mikrofon** (desno od violinistkinje) upotrebljen je za **hor** u narednoj pesmi.



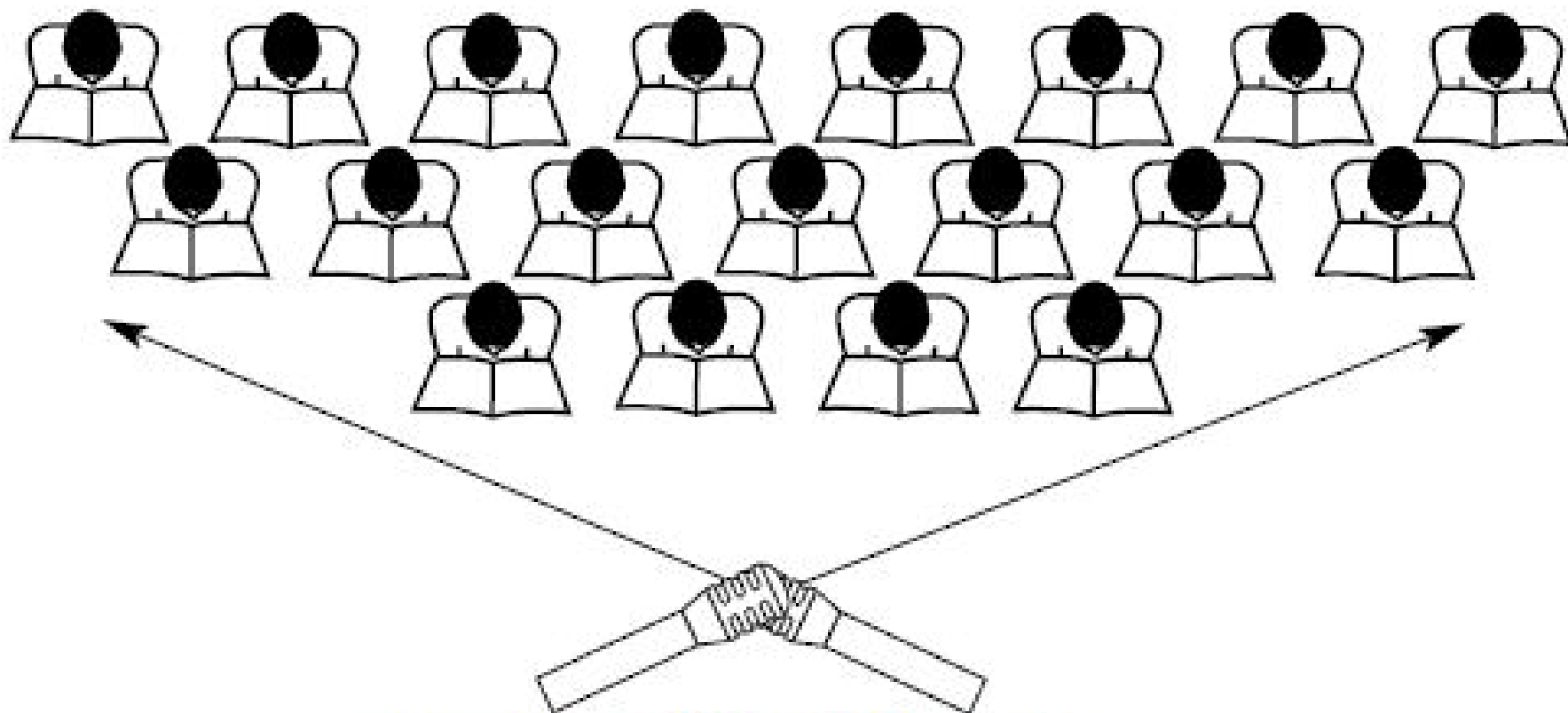


Figure 1: Choir microphone positions - stereo top view

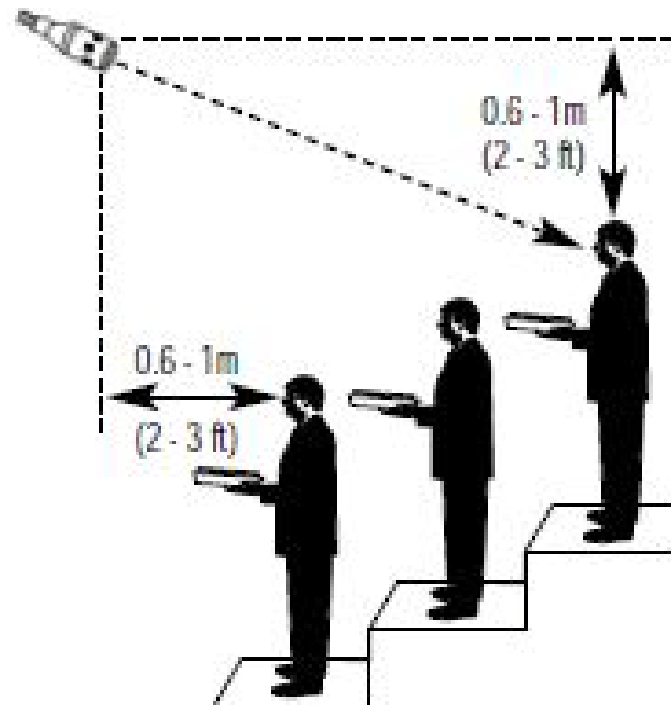


Figure 2: Area miking - side view

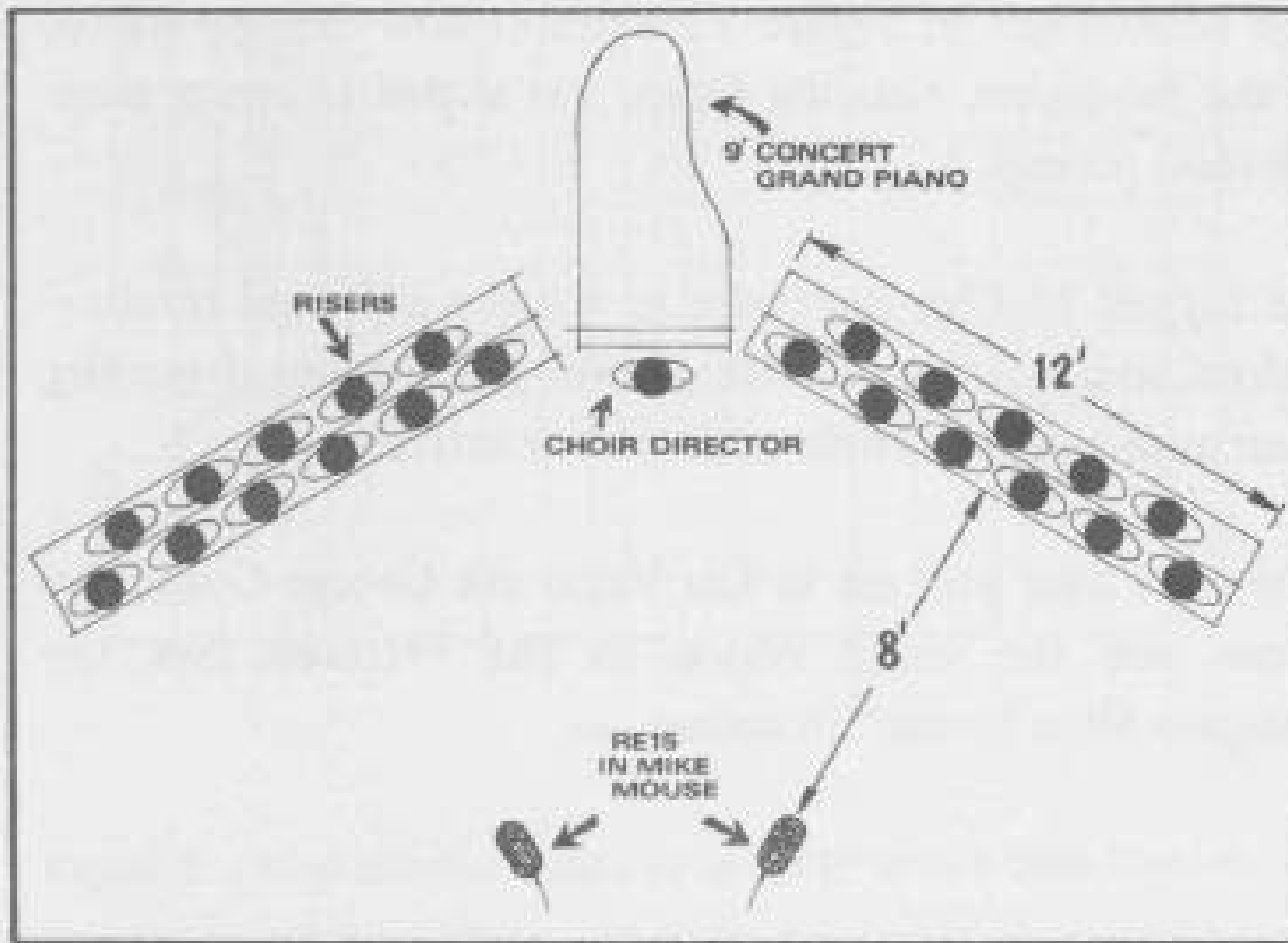


Figure 8 – RE15's in 411 Floor Mounts Centered 8' in Front of Risers

Video

*University of Surrey
Gospel Choir*

- **Close up** na dirigenta – Royer SF 24 **stereo ribbon mikrofon** je postavljen **iznad** glave dirigenta.
- To je odlična lokacija za dobijanje **realistične audio slike orkestra**.
- Donosi koheziju u finalni miks.



Close up on the conductor and SF-24.
Image 6 of 15

CLOSE X



For this small orchestra, all sections were spot miked and a Royer SF-24 stereo ribbon mic was placed over the conductor's head, an excellent location for getting a realistic audio picture of the orchestra and bringing cohesiveness to the final mix.

Image 5 of 15

CLOSE X

- **2** Royer R 122 **spot** mikrofona na sekciju francuskih
horni.

PREV



Two Royer R-122s spot miking the French Horn section.
Image 7 of 15

CLOSE X

- R 122 **spot** mikrofon na timpanima.
- Snimanje u Sony-ju.

PREV



Scoring session at Sony with an R-122 spot mic on the timpani.
Image 8 of 15

CLOSE X

- **Decca Tree** postavka mikrofona se često koristi za snimanje orkestra.
- Razvijen ranih 1950-tih od strane tima inženjera u Decca Records, ovaj metod upotrebljava **razmaknuti** stereo mikrofonski par upotpunjen sa dodatim **centralnim** mikrofonom koji je, obično, pozicioniran **iznad dirigenta**.
- Priznati inženjer **Alan Meyerson** često upotrebljava **3 R 122V** mikrofona za Decca Tree, sa **kondenzatorskim** mikrofonima u pozadini, **iza dirigenta**.
- Slike su sa snimanja za ***Pirate sa Kariba***, ***Dead Man's Chest***.



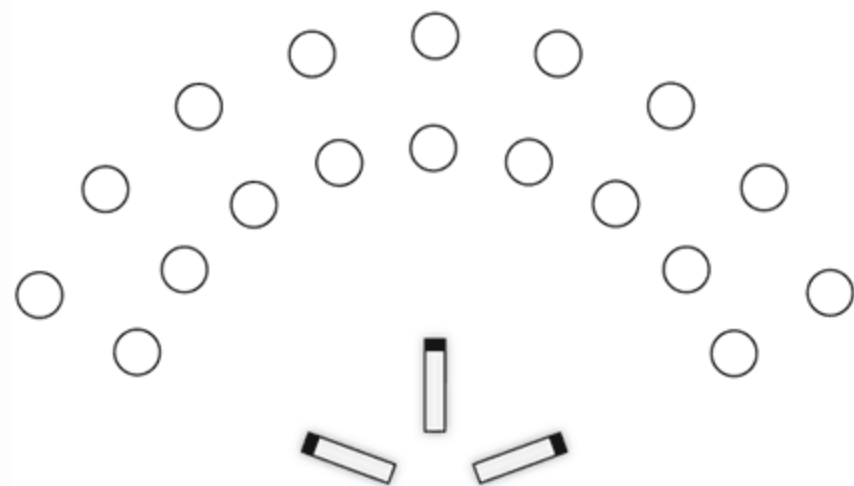


Decca Trees are often used when recording orchestras. Developed in the early 1950s by a team of engineers at Decca Records, this method involves using a spaced stereo pair of mics with an added center fill, usually placed over the conductor. Scoring engineer Alan Meyerson often uses three R-122V's on the Decca tree, with a backline of condenser mics behind the conductor.

Image 10 of 15

CLOSE X





Decca Tree

- **2** Royer R 122V **overhead** mikrofona na sekciji drvenih duvača.
- U ovoj poziciji R 122V **bidirekcione** polarne karakteristike (oblik osmice) **prikuplja zvuk** drvenih duvačkih instrumenata, a **odbija zvuk** limenih duvačkih instrumenata koji su pozicionirani iza drvenih duvačkih instrumenata.

PREV



Two R-122V's as overhead mics on the woodwind section. In this position, the R-122V's figure-8 pattern picks up the woodwind instruments and also rejects the brass section which is positioned behind the woodwinds.

Image 12 of 15

CLOSE X

- Još jedan pogled na **2** Royer R 122V **overhead** mikrofona na sekciji drvenih duvača.



- Još **1** Royer R 122V je pozicioniran iznad fagota.



- **1** Royer R 121 je upotrebljen za **3** sedišta sekcije trubača.



**SNIMANJE
BAROKNOG
KAMERNOG
ANSAMBLA**

Lauta i blok-flauta





**SNIMANJE
BAROKNOG
KAMERNOG
ANSAMBLA
U
CRKVI**

ORTF





Mario i Jerković





19/11/2008 10:53



**SNIMANJE
BAROKNOG
KAMERNOG
ANSAMBLA
U
ETNOGRAFSKOM MUZEJU**

ETNOGRAFSKI muzej





01/01/2008 12:51

X-Y



Mikrofon 'visi' sa galerije





01/01/2008 12:52



mixer



oprema



Peđa Gosta



pevači





instrumentalisti



Direktor ETNO muzeja g. Tasić

