



PITTSBURGH SYMPHONY ORCHESTRA

\* **SENSORY FRIENDLY**

# HOLIDAY POPS



INSTRUMENT GUIDE

# SENSORY FRIENDLY HOLIDAY POPS

INSTRUMENT GUIDE

## STRINGS



violin



viola



cello



bass

# SENSORY FRIENDLY HOLIDAY POPS

INSTRUMENT GUIDE

## STRINGS



harp

# SENSORY FRIENDLY HOLIDAY POPS

INSTRUMENT GUIDE

## WOODWINDS



flute



oboe



clarinet



bassoon

# SENSORY FRIENDLY HOLIDAY POPS

INSTRUMENT GUIDE

## WOODWINDS



contrabassoon

# SENSORY FRIENDLY HOLIDAY POPS

INSTRUMENT GUIDE

## BRASS



french horn



trumpet



trombone



tuba

# SENSORY FRIENDLY HOLIDAY POPS

INSTRUMENT GUIDE

## PERCUSSION



triangle



timpani



drum



cymbals

# PHOTO CREDITS

## STRINGS

### Viola

“Bratsche” by Just plain Bill - Own work. Licensed under Public Domain via Wikimedia Commons - <http://commons.wikimedia.org/wiki/File:Bratsche.jpg#/media/File:Bratsche.jpg>

### Violin

“Violin VL100” by Just plain Bill - commons. Licensed under CC0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Violin\\_VL100.png#/media/File:Violin\\_VL100.png](http://commons.wikimedia.org/wiki/File:Violin_VL100.png#/media/File:Violin_VL100.png)

### Cello

“Cello front side” by Georg Feitscher - [Cello\\_front\\_side.jpg](#). Licensed under CC BY 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Cello\\_front\\_side.png#/media/File:Cello\\_front\\_side.png](http://commons.wikimedia.org/wiki/File:Cello_front_side.png#/media/File:Cello_front_side.png)

### Bass

“Double Bass” by Ian Burt - [208182066\\_eabbe492c2\\_o.png](#). Licensed under CC BY 2.0 via Creative Commons - [https://farm1.staticflickr.com/93/208182066\\_eabbe492c2\\_o\\_d.png](https://farm1.staticflickr.com/93/208182066_eabbe492c2_o_d.png)

### Harp

“M217 - pedalarpa - Erard Freres - före 1902 - foto Olav Nyhus” by Musik- och teatermuseet - Own work. Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:M217\\_-\\_pedalarpa\\_-\\_Erard\\_Freres\\_-\\_f%C3%96C3%B6re\\_1902\\_-\\_foto\\_Olav\\_Nyhus.jpg](http://commons.wikimedia.org/wiki/File:M217_-_pedalarpa_-_Erard_Freres_-_f%C3%96C3%B6re_1902_-_foto_Olav_Nyhus.jpg#/media/File:M217_-_pedalarpa_-_Erard_Freres_-_f%C3%96C3%B6re_1902_-_foto_Olav_Nyhus.jpg)

## WOODWINDS

### Flute

“Flute d’amour” by Powerhouse Museum - Powerhouse Museum, Australia. Licensed under CC BY-SA 2.5 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Flute\\_d%27amour.jpg#/media/File:Flute\\_d%27amour.jpg](http://commons.wikimedia.org/wiki/File:Flute_d%27amour.jpg#/media/File:Flute_d%27amour.jpg)

### Oboe

“Oboe modern” by Hustvedt - Own work. Licensed under CC BY-SA 3.0 via

Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Oboe\\_modern.jpg#/media/File:Oboe\\_modern.jpg](http://commons.wikimedia.org/wiki/File:Oboe_modern.jpg#/media/File:Oboe_modern.jpg)

### Clarinet

“BflatClarinet wide” by Brimz - eigen werk (own work), derived from BflatClarinet.jpg. Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:BflatClarinet\\_wide.jpg#/media/File:BflatClarinet\\_wide.jpg](http://commons.wikimedia.org/wiki/File:BflatClarinet_wide.jpg#/media/File:BflatClarinet_wide.jpg)

### Bassoon

“FoxBassoon” by Gregory F. Maxwell <gmaxwell@gmail.com>

PGP:0xB0413BFA -

By uploader.. Licensed under GFDL 1.2 via Wikimedia Commons - <http://commons.wikimedia.org/wiki/File:FoxBassoon.jpg#/media/File:FoxBassoon.jpg>

### Contrabassoon

Photographed in August 2005 by Mezzofortist

Wikimedia Commons -

<https://commons.wikimedia.org/wiki/File:Contrabassoon2.png>

## BRASS

### French Horn

“French horn front”. Licensed under CC BY 2.5 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:French\\_horn\\_front.png#/media/File:French\\_horn\\_front.png](http://commons.wikimedia.org/wiki/File:French_horn_front.png#/media/File:French_horn_front.png)

### Trumpet

“Trumpet, B flat -1623” by Amada44 - Own work. Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Trumpet,\\_B\\_flat\\_-\\_1623.jpg#/media/File:Trumpet,\\_B\\_flat\\_-\\_1623.jpg](http://commons.wikimedia.org/wiki/File:Trumpet,_B_flat_-_1623.jpg#/media/File:Trumpet,_B_flat_-_1623.jpg)

### Trombone

“Trombone CG Bach42AG” by FlamM at the French language Wikipedia. Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Trombone\(CG\\_Bach42AG\).jpg#/media/File:Trombone\(CG\\_Bach42AG\).jpg](http://commons.wikimedia.org/wiki/File:Trombone(CG_Bach42AG).jpg#/media/File:Trombone(CG_Bach42AG).jpg)

### Tuba

“Tuba 25J Conn BBb” by <http://www.xs4all.nl/~cderksen/Conn25J1964image.html>.

Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Tuba\\_25J\\_Conn\\_BBb.jpg#/media/File:Tuba\\_25J\\_Conn\\_BBb.jpg](http://commons.wikimedia.org/wiki/File:Tuba_25J_Conn_BBb.jpg#/media/File:Tuba_25J_Conn_BBb.jpg)

## PERCUSSION

### Triangle

“Triangle instrument and stick” by Hannes Grobe - [http://commons.wikimedia.org/wiki/File:Triangle\\_hg.jpg](http://commons.wikimedia.org/wiki/File:Triangle_hg.jpg). Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Triangle\\_instrument\\_and\\_stick.png#/media/File:Triangle\\_instrument\\_and\\_stick.png](http://commons.wikimedia.org/wiki/File:Triangle_instrument_and_stick.png#/media/File:Triangle_instrument_and_stick.png)

### Timpani

“HardtkePauken” by Timpani21 at the German language Wikipedia. Licensed under CC BY-SA 3.0 via Wikimedia Commons - <http://commons.wikimedia.org/wiki/File:HardtkePauken.jpg#/media/File:HardtkePauken.jpg>

### Drum

“Pearl sencitone classic 2 brass” by Ocdp - Own work. Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Pearl\\_sencitone\\_classic\\_2\\_brass.jpg#/media/File:Pearl\\_sencitone\\_classic\\_2\\_brass.jpg](http://commons.wikimedia.org/wiki/File:Pearl_sencitone_classic_2_brass.jpg#/media/File:Pearl_sencitone_classic_2_brass.jpg)

### Cymbals

“Bellotti Cymbal” by Original uploader was Pajaro4 at en.wikipedia - Transferred from en.wikipedia; transferred to Commons by User:Liftarn using CommonsHelper.. Licensed under Public Domain via Wikimedia Commons -

### Piano

“Steinway & Sons concert grand piano, model D-274, manufactured at Steinway’s factory in Hamburg, Germany cropped” by “Photo: © Copyright Steinway & Sons”. Licensed under CC BY-SA 3.0 via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:Steinway\\_%26\\_Sons\\_concert\\_grand\\_piano,\\_model\\_D-274,\\_manufactured\\_at\\_Steinway%27s\\_factory\\_in\\_Hamburg,\\_Germany\\_cropped.jpg#/media/File:Steinway\\_%26\\_Sons\\_concert\\_grand\\_piano,\\_model\\_D-274,\\_manufactured\\_at\\_Steinway%27s\\_factory\\_in\\_Hamburg,\\_Germany\\_cropped.jpg#/media/File:Steinway\\_%26\\_Sons\\_concert\\_grand\\_piano,\\_model\\_D-274,\\_manufactured\\_at\\_Steinway%27s\\_factory\\_in\\_Hamburg,\\_Germany\\_cropped.jpg](http://commons.wikimedia.org/wiki/File:Steinway_%26_Sons_concert_grand_piano,_model_D-274,_manufactured_at_Steinway%27s_factory_in_Hamburg,_Germany_cropped.jpg#/media/File:Steinway_%26_Sons_concert_grand_piano,_model_D-274,_manufactured_at_Steinway%27s_factory_in_Hamburg,_Germany_cropped.jpg#/media/File:Steinway_%26_Sons_concert_grand_piano,_model_D-274,_manufactured_at_Steinway%27s_factory_in_Hamburg,_Germany_cropped.jpg)

**SUPPORTED, IN PART, BY:**



**The Edith L. Trees  
Charitable Trust**

**Bender Consulting  
Services, Inc.**



**Diehl Automotive Group is the  
Official Auto Dealership of the  
Pittsburgh Symphony**