

# Middle Eastern Plucked String Instruments



Middle Eastern Plucked String Instruments is a unique collection of 8 Middle Eastern Traditional Instruments best ever created for a workstation.

**Included Instruments** : OUD , BOUZUKI , Electric SAZ , Baglamas , Kanum , Cumbus , Santoor (dulcimer) & Tzouras.

**Features** (applied at COMBI mode)

- \* Real Round-Robin (Up/Down Strings) \* velocity layers with native duration \* mostly sampled with 2 microphones \* Precise strings oscillation curve
- \* Strings Resonance \* Strings Release \* Y glissando Up/Down \* velocity delayed tremolo (VLT) \* Velocity Slides (VLS) \* Velocity Glissando (VLG)
- \* Mute strings (Sw1) \* AT Tremolo (ATT) \* Solo tremolo (Sw1/2).

All instruments have been developed in combination mode.

**EXs contents** : 3143 Samples - 117 MultiSamples - 56 Programs - 15 Combinations that are the main source of Instruments.

**Kronos Requirements** : Any Kronos / OS > v.2 – 1,2 Gb of free SSD space - 148 Mb of Free Ram space - Program U-GG Bank is required for this EXs pack , though COMBI U-G can be copied at any available bank - One KSC file for preloading use (Only streaming mode is available).

## LIST of EXs LIBRARY CONTENTS

COMBINATIONS (15)	
COMBINATION	Articulations / Controls description
0. OUD VLS/Sw1/Y 4,5 <sup>th</sup> root	Round-Robin , Velocity Slides (VLS) , Sw1 = muted strings , Delayed AT Tremolo (ATT) , +-Y = Glissando 4 <sup>th</sup> Up & 5 <sup>th</sup> Down targeting pressed root note
1. OUD VLS/Sw1/Y 4,5 <sup>th</sup> root	Round-Robin , Velocity Slides (VLS) , Sw1 = muted strings , Delayed AT Tremolo (ATT) , +-Y = Glissando 4 <sup>th</sup> Up & 5 <sup>th</sup> Down targeting relative 4 <sup>th</sup> & 5 <sup>th</sup>
2. BOUZUKI 1 VLG/ATT/S1,2/Y	Round-Robin 1 , Velocity Glissando Up & Down (VLG) , Delayed AT Tremolo (ATT) , Sw1 = muted strings , Sw2 = Tremolo solo , +-Y = Glissando Up/Down Fx
3. BOUZUKI 2 VLG/ATT/S1,2/Y	Round-Robin 2 , Velocity Glissando Up & Down (VLG) , Delayed AT Tremolo (ATT) , Sw1 = muted strings , Sw2 = Tremolo solo , +-Y = Glissando Up/Down Fx

4. BOUZOUKIs octaves	Dual Bouzouki octaves unison , Round-Robin , Velocity Glissando Up & Down (VLG) , Delayed AT Tremolo (ATT) , Sw1 = muted strings , Sw2 = Tremolo solo , +-Y = Glissando Up/Down Fx
5. E.SAZ VLS/Y/Sw1,2/VcX/K7	Round-Robin , Velocity Slides (VLS) , Sw1 = muted strings , +-Y = Glissando octave Up/Down , Vector +X = enables delayed velocity tremolo , Sw2 = octaver , knob 7 = Flanger
6. E.SAZ VLS/Y/Sw1,2/VLT/K7	Round-Robin , Velocity Slides (VLS) , Sw1 = muted strings , Delayed AT Tremolo (VLT) , +-Y = Glissando octave Up/Down , Vector +X = enables delayed tremolo , Sw2 = octaver , knob 7 = Flanger
7. E.SAZ Solo modeling	Analog modeling of Electric SAZ for smoother solo sound
8. TZOURAS VLG/VLT/Sw1/Kn7	Round-Robin , Velocity Glissando (VLS) , Sw1 = muted strings , Delayed AT Tremolo (VLT) , Sw2 = octaver , knob 7 = Flanger , knob 8 = Reverb control
9. TZOURAS LEG/VLG/ Sw1/Kn7	Round-Robin , Velocity Glissando (VLS) , Sw1 = muted strings , Delayed AT Tremolo knob 7 = octaver , knob 8 = Reverb control
10. KANUN RX VLT/sw1	Delayed AT Tremolo (VLT) , Sw1 = Solo Tremolo
11. BAGLAMAS VLG/VLT/Sw1	Round-Robin , Velocity Glissando (VLG) , Delayed AT Tremolo (VLT) , Sw1 = Tremolo solo
12. CUMBUS VLT/VLV/Kn7,8	Round-Robin , Velocity Vibrato (VLV) , Delayed AT Tremolo (VLT) , knobs 7,8 for effects
13. CUMBUS VLT/VLV/Kn7,8 Dm	Round-Robin , Velocity Vibrato (VLV) , Delayed AT Tremolo (VLT) , knobs 7,8 for effects , sample of microtuning that can be adjusted in OSC properties
14. SANTOOR VLT	Stereo Santoor ( Dulcimer/Tambals) with Delayed AT Tremolo (VLT)

**Note that our sample modeling of emulating Real Instruments with all articulations has been accomplished in COMBI mode where up to 16 program timbres can synthesize the Real Instrument .**

PROGRAMS 56 ( 20 for users )	Controls description
36 Blank names	Blank name positions are not empty , they are parts of Combination sound modeling and not suitable for standalone use
28. E.Saz solo modeling	
32. Baglamas	
36. TZOURAS Legato	
39. TZOURAS Tremolo Sw1	
41. CUMBUS VLV	Velocity Vibrato (VLV)
47. KANUN tremolo sw1	
48. OUD Tremolo Sw1	
65. KANUN VLV	Velocity Vibrato (VLV)
67. BOUZOUKI 1 VLG	Velocity Glissando (VLG)
68. BOUZOUKI 2 VLG	Velocity Glissando (VLG)
72. BOUZOUKI TREM	
75. BOUZOUKI MUTED	
98. Baglamas tremolo	
104. SANTOOR	
105. SANTOOR tremolo	
111. OUD VLS	Velocity Slides (VLS)
113. E.SAZ	
116. E.SAZ slides	

117. E.SAZ Muted Sw1	
120. E.SAZ VLS	Velocity Slides (VLS)

20 Programs with names are suitable for standalone use in Sequencer or in your own Combinations.

Program Bank GG is used for 4 EXs libraries due to save banks , so there are many empty positions that are used for the other EXs , like 0-27 and mediate positions that are used for “Ethnic Winds & Violins” EXs.

You must let us know if you already own “Brass & Vocals Suite” or “Ethnic Winds & Violins” to send you the proper PCG of Bank U-GG that contains all Program timbres !

Any future update of this Suite will be in PCG format file.

This Library is outside WavesArt's 11 Gb bundle , therefore Kronos owners of full bundle might have to unload some unused factory EXs in order to earn the required 150 Mb Ram space.

For Purchasing contact with us due to send us your public ID and then we'll send you the link to PayPal order !

**Antony Sharmman**

Project R & D Manager

The logo for WavesArt features the word "WavesArt" in a stylized, 3D block font. The letters are white with a blue outline and a blue-to-white gradient fill. The 'W' and 'A' are particularly large and prominent.