

# New Products Release Information



New RCA Phono Cable which is designed to give the correct capacitive terminations for most of common MM (moving magnet) phono cartridges and Audio Technica VM phono cartridges

PH-01RR 102 SSC JAPAN MADE AUDIO MIJINKO SIGNATURE MODEL

Against its popularity for a long time, Oyaide has been worrying about the lack of a high quality phono cable strictly designed for MM (moving magnet) phono cartridges in today's market. When MM cartridges including Audio Technica's own VM type were designed, all these cartridges require its own specific load capacitances from the output of the cartridge to the input of the first gain stage at phono preamp. It includes phono cable's itself.

So we made it with Oyaide's own cables and plugs.



Release date: Nov. 2017

## Behind the story of developing new PH-01RR

The total capacitance from the output of MM/VM cartridges to the input of the first gain stage at phono preamp will affect frequency balance of the playback sound by MM/VM cartridges. Although you may hear as good sound for you, but the actual playback sound might be far away from the expected sound by each phono cartridge designs. The typical measured result with unmatched lower capacitance load had a significant dent between 2-10kHz, followed with up to +5dB massive peaking at around 13-20kHz. And when with unmatched higher capacitance road, top hi frequency will be rolled off. The frequency response will be flattened when being used with the correct capacitive termination. It was well known in the old days, so some manufactures used to make phono cables for specific MM cartridges. But its secret was almost forgotten to today's audiophiles who are used to only digital playback. So we bring it back for the today's vinyl record playing people with our own features.

Most common MM/VM cartridges which you can see today are mostly made by ortofon, Audio Technica and Shure. You can also see their some models as attached phono cartridges which come with some entry class model turntables nowadays. Unfortunately, some turntable manufactures even don't supply a good quality phono cable with having the correct capacitance for its attached cartridge. So we would like you to improve the playback sound that your phono cartridge truly deserves!

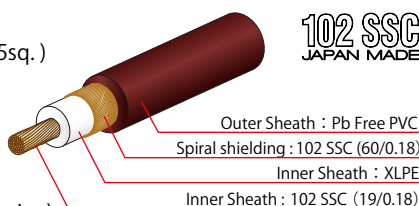
## The correct capacitive termination is so important for your MM/VM phono cartridge!

After testing most of available MM/VM cartridges in the current market, we aimed to get around 150 to 160pF for the entire phono cable capacitance including RCA plug termination. Because typical MM/VM load capacitance recommendations tend to be in the area of 100 to 300 pF, or in a few cases as much as 500 pF (Most Audio Technica VM cartridges : 100 to 200pF, ortofon 2M series MM Cartridges : 150 to 300pF, Shure M-97eX : 200 to 300pF, Stanton recommend 275pF for the load). so we set 160pF for the entire cable capacitance. Because you have to add about 50 to 100pF from both capacitances of arm wires and input line at phono amp. So we believe it will work with most of equipments you use. The cable capacitance of PH-01 itself has 100pF per meter. In order to reduce the cable capacitance, we carefully designed the cable construction and chose XLPE inner sheath material. XLPE works for better capacitance stability along with its spiral shielding.

As well as the entire capacitance, we carefully chose other cable specifications in order to getting the best performance from your MM/VM cartridge truly has. Oyaide's own "102 SSC" copper conductor, the well chosen wire gauge size, Pb free PVC flexible outer sheath, 24K gold plated terminal RCA plug with PTFE insulation, Oyaide's own "SS-47" solder are chosen through our experiences by numerous tests.

As for ground wire, we adapted separated ground wire. Our thick "3398-18" (1.25sq.) wire is adapted for the grounding stability and 24K gold plated 5mm opening spade lug is easily fitted to the grounding terminal on most of phono preamps and mixers.

- Model name : PH-01RR
- Cable length : 1.0m ( ground wire 1.1m )
- Total capacitance : 160pF ( cable only 100pF/m )
- Signal cable : Oyaide PH-01
- Cable O/D : 6mm ( Ground wire 2.4mm )
- Main conductor material : 102 SSC ( 19/0.18 0.5sq. )
- Shield material : 102 SSC (60/0.18 spiral)
- Inner sheath material : XLPE
- Outer sheath material : Pb free PVC
- RCA plug : 24K gold plated brass terminal
- Ground wire : Oyaide 3398-18 ( 102 SSC 1.25sq. )
- Spade lug : 24K gold plated OFC cooper ( 5mm opening )
- Solder : Oyaide SS-47
- Made in Japan



※ We can't accept any custom length orders due to the entire cable capacitance will be changed



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