



Home amplifiers

## VHA-3304-AR

The VHA-3304-AR is a premium grade multimedia NIU with active return path and 4 user ports.

### VHA-3304-AR features

- Outer plastic housing to secure against electrical contacts
- Forward path with differentiated gain according to ports
- Energy saving power supply with DC/DC converter
- DATA ports equipped with 75 Ohm terminators
- Fixed power cord

**TELESTE**

## HOME AMPLIFIERS / VHA-3304-AR

TECHNICAL SPECIFICATIONS			
Downstream signal path		Upstream signal path	
Frequency range	82...862 MHz	Frequency range	15...65 MHz
Return loss	18 dB <sup>(1)</sup>	Return loss	18 dB
Gain DATA 1 DATA 2 TV 0 TV 4	3 dB 3 dB 0 dB 4 dB	Gain DATA 1 DATA 2	1 dB 1 dB
Flatness	< 1 dB	Flatness	+/- 0.5 dB
Isolation DATA-TV TV ports DATA ports	30 dB 27 dB 27 dB	Noise figure	< 12 dB
Noise figure	< 7.5 dB		
Group delay 82...108 MHz	20 ns	Group delay 15...17 MHz 63...65 MHz	42 ns 6 ns
GENERAL SPECIFICATIONS			
Impedance	75 Ohm	Input / output connectors	molded F-female acc. to IEC-169-24
Supply voltage DC	198...253 VAC	Dimensions L x W x H	205.5 x 73 x 40 mm
Operating temperature	0...+40 °C	Class of enclosure	IP53
EMC compatibility	IEC50083-2	Screening effectiveness	Class A
NOTES			
(1) at 82 MHz -1.5 dB/octave, min. 12 dB			
ORDERING INFORMATION			
VHA-3304-AR	Premium Grade Multimedia NIU with active return path (4-user ports)		

# TELESTE

TELESTE CORPORATION  
[www.teleste.com](http://www.teleste.com)

VHA-3304-AR\_190301\_v01

Copyright © 2019 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners. Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of