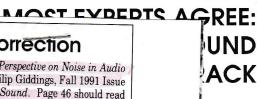
IF '

Correction

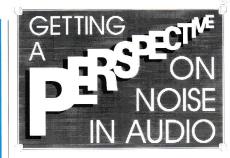
... to Getting a Perspective on Noise in Audio Systems, by Philip Giddings, Fall 1991 Issue of Professional Sound. Page 46 should read as follows:

10. What is the length of the interconnect? balanced, low impedance: less than 20 ft: 2 points 20-50 ft: 0 points greater than 50 ft: 0 points balanced, not low impedance: less than 20 ft: 2 points 20-50 ft: 0 points greater than 50 ft: -2 points unbalanced: less than 20 ft: -1 points 20-50 ft: -2 points

greater than 50 ft: -4 points



ONE.



10. What is the length of the interconnect? balanced, low impedance:

less than 20 ft: 2

20-50 ft: 0

greater than 50 ft: -4

less than 20 ft: 2

20-50 ft: 0

greater than 50 ft: 0

unbalanced:

less than 20 ft: -1

greater than 50 ft: -4

11. Has separation and routing been used to advantage?

While this table may be an oversimplification, I believe it will predict EMI potential for most typical audio systems found today. I hope the results from the table combined with some common-sense tempering (to be discussed in a follow-up article) will prove to be useful and practical

tion on this subject may refer to the follow-

- Giddings, P.: Audio Systems Design and Installation. H.W. Sams and Company, Indianapolis IN, 1990
- Electromagnetic Interference and Electromagnetic Compatibility for Audio System Designers." Journal of the Audio Engineering Society, Vol 37. No 7/8

balanced, not low impedance:

20-50 ft: -2

yes 2 points no -1 point

in evaluating EMI considerations in audio. Readers who would like more informa-

- Giddings, P.: "An Introduction to (July/August) 1989.
- Haskett, T.R.: "Removing the Mystery from Grounding", Broadcast Engineering, Feb. 1966:17-28.
- IEEE Guide to the Installation of Electrical Equipment to Minimize Electrical Noise Inputs to Controllers from External Sources, IEEE STD 518-1982. New York: IEEE Inc.
- Lanphere, J.E.: "A Practical Approach to Grounding", Recording Engineer/ Producer, Jan. 1988.
- US Department of Standards: Guideline on Electrical Power for ADP Installations. FIPS PUB 94. Springfield VA 1983.

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