FURTHER THOUGHTS

The Infinity RS-1: Ganging Up On HP

Let me say right away that I believe the Innity IBS-1, at the very fests, Geserves a sprong four-star rating. This means that the IRS-1 is not of direct comparison with the IRS-bestes. II and, I'd say, is the best obliation, of the property of the IRS-bestes. II and, I'd say, is the best obliation, of the IRS-bestes. II and, I'd say, is the best obliation, of the IRS-bestes words as a first of describing the Magneplanar Tympo-IRS of the IRS-best of the IRS-b

Before continuing my case, I think it only light to describe to you what my listening biases are so that you may, in the work my listening biases are so that you may, in the work my listening biases are so that you may, in the work my listening biases an atural midrange and the ability to capture the true tonal characteristics of the instruments of the orchestra (or outstanding requency response linearity, if you wills, which I would asset with the contraction of t

a great speaker system and the RS-1 has all three, in spades: It has the strong bass foundation that I consider necessary for the enjoyment of symphonic music, the dynamic contrasts

consider necessary for the enjoyment of symphonic music, its dynamic contrasts are supert, and its imaging is phenomenal. In all three of these categories, and I include the Tympani IV, the RS-1 is second only to the IRS Series II.

In fact, I believe the RS-1 is the equal, or even slightly better, than the IRS-II in its reproduction of the bass foundation of the symphony orchestra. Now, I want to make it clear here that I am not referring to the lower fundamentals of a nine-foot concert bass drum or a regular bass drum, for that matter, because among the great speaker systems only the IRS can reproduce that sound with concert hall fidelity. I am talking about the bass section of the symphony orchestra -"when the RS-1 woofer system reproduces bowed bass, the tonal textures are correct and the overall weight is reminiscent of only that I have heard live." Word for word I agree with PHD, while with the IRS, the textures in this area, are, at times, reproduced with more weight than I have heard live.

PID says that "the RS-1 has the uncarry shift of set that "the RS-1 has the uncarry shift of setting up one of the most realistic steroo stages, aside from the real thing, that have ever experienced... It then places in ages on that stage with a three-dimensional setting. "Can anyone ask for more? Well, I've done this little experiment with friends who

are hearing the RS-1 for the first time. With a symphony orchestra in full roar, Jask them to go up to the RS-1 and stand between the mid-tweeter panies. What they have is this: From the left wall of the room to the right, there is a seamless string section and there out in front of them at the rear wall and in position are the ympan!, rumpel, and from bone sections. My friends flip out when they has this and I don't blame them. You will have this and I don't blame them. You will

DNL p states that Infinity's people were mystified by his relative lack of enthusiasm for the RS-1. Well, so were PHD, Sám Burstein and yours truly until we each, independently, came up with the same reason why our listening results differed from HP's in those areas where he downgraded the

Despite these differences, which I will soon point out, our respect for the hearing soulity of HP has remained the same. Not the hearing soulity of HP has remained the same. Not relative tack of enthusiaem," and a conditional and optimistic four-star railing fin actuality, even a conditional our stars is a studied, and a conditional out stars is a studied, and the same star of the same star of

If anyone this time a statement on the No.1.
If anyone thinks I am saying this to "buter up" the boss, then you don't know PHO, SB, SMor, for that matter, HP, who has, right from the inception of YAS, insisted on multiple reviews of the most important High End products to ensure that different viewpoints are expressed. To my knowledge, no other audio magazine in the world would dare follow his policy.

While you salivate in anticipation of where we think HP went wrong, you will need just a little more background. On the evening of Maxed, 25 and and twee returning home to the Test Areherestry Party of TAS, but and the house and Sam came in to have a hold upon the while he waited for the rain to let up. We alland about the party while we listened to some chamber music vis the RB-1. On our table, the off the party while we listened to some chamber music vis the RB-1 on our unopered support of the party of the sound that the party while we list the RB-1 on our unopered of the party while we list the RB-1 on our unopered of the party while we list the RB-1 on our unopered of the party of the sound that the party was the RB-1 on the

and then told me that he was considering selling his ORS-1D (four star "worth-its. weight-in-silver" system) and buying the RS-1 When I asked him why he proceeded to run off a series of descriptive phrases which turned out to be, almost verbatim, the words of PHD

We then opened our copies of TAS to check out the RS-1 reviews. Both of us nodded our heads in agreement as we read PHD so similar was his point of view to ours but as we read HP's list of liabilities, we found ourselves temporarily stunned because they simply did not apply to our listening experience with these speakers

PHD, Sam, and yours truly all feel that the source of our differences with HP lie in one root cause: Music Room One, It is our belief that, for the first time, after reviewing so accurately so many other speakers in this room, a speaker came along (the RS-1) with such large dynamic contrasts and bass energy that it has caused room problems which, in turn, have affected the speakers in the way HP describes. We therefore urge him to move these speakers to another room that is better furnished than listening room one because we feel it is the lack of furnishings alone or in combination with the shape of room one, that is responsible for HP's different point of view. So, the criticism that follows should be seen in that

HP asserts (Issue 29, p. 27) that the "more typical and average American style listen ing room. . . is closer to a square than a rectangle" and that (Issue 21/22, p. 67) "Room One is a live sounding room. It is sourced furnished." It is also a squarish 12" X 14" 6" Now. I will make no claims as to what the average American style listening room looks like, but I would be willing to make a rather large bet that the average American who buys an RS-1 does not have an average American style listening room and if he or

she does, it is not sparsely furnished My own listening room is 11' 9" Y about 22' (certainly not a large one) and has wallto-wall carpeting with a sofa, two chairs. and a bench. PHD's is 17' X 27' (now that's large, and, boy, do I envy him), wall-to-wall carpeting, and an overstuffed sofa, So, even if your listening room is somewhat smaller than mine or closer to a square in shane, as long as it's reasonably furnished I feel sure that wou will get the same great sound from your own RS-1 that PHD and I are getting

from ours HP says that "the well-nigh universal complaint I've heard from BS-1 owners (Marks, Burstein, and PHD from TAS and Rick D'Aversa, a TAS fellow traveler) has been about their inability to drive the woofer towers satisfactorily."

Being Marks, I'll speak first. It is true that it concurs. told HP, just after my initial set-up of the RS-1, that I was not getting enough bass, but I never said it was because of any lack of it power. I had simply placed the speakers in the approximate starting position recommended by Infinity, By following Infinity's instruction booklet suggestions for increasing the bass strength of the woofer towers (four simple woofer movements per side). was able, in a two-day period (it could have been done in one) to get the RS-1 into a state of balance with the bass contour frequency control set at zero. I now regret not calling HP and making him aware of that fact.

I did not conceive that he would have had ense or cool, and since it does provide conany more problems than in achieving a conpart hall realism, the sound blooms for me in rect match between the mid-tweeter section and the woofer towers. As for Burstein, HP simply forgot that he owned the QRS-1D. In fact, one of the major reasons Sam prefers the RS-1 to the ORS-1D is the correct halance that I've just discussed which is not found in the QRS-1D. Here's PHD: "When a solid-state amo is used to drive the bottom

drive the mid-tweeter panels, the blend is point in time, to its Dad, IRS, in the nevernearly seamless. ending search for the absolute sound-live And here's what PHD has to say about his music itself. If you prefer another great woofer tower problems: "It can be driven to speaker because it has a special virtue that what would be considered 'loud' listening other amps that will do the same including

DH-500. . .

his now-preferred Phase Linear DRS-900, so I do not see HP's point of "requiring the listener to muddle about trying to find the right hase amp" because PHD has already done the job for them and saved them all the money HP implies they would have had to spend to get it right. PHD continues "...but I have not found an amp that can drive it to and low distortion then the RS-1 speaker rock concert or 100 plus dB levels at very low system is for you." traquencies." This is a problem? Maybe for HP and PHD whose lob it is to search for the absolute sound, but you have to keep in mind that only the IRS, of the "great". speakers, provides a deeper bottom end than that of the RS-1, (I can just see FM chuckling over this as the Darth Vadar boys HP, PHD, and Arnie Nudell exchange woofer

cone blasts.) I think it more important to our *Negetif. HP heard Burstein's description of Mark's SYAMES.

readers to know that "this product provides PHD's Thoughts.

concert hall realism at reasonable volume wels." You are dead right, PHD, and SB

Other complaints of HP are that the RS-1 is age cool and "does not bloom for me in the ay real music does." Like Nudell, PHD, and sp. I vigorously disagree with all these opinons. When I play the Rachmaninov Varilaions on a Theme of Paganini (RCA LSCbeam the Chicago strings are so sweet they are almost tangible ("that ole easy blueeved naturalness of the real thing loud or ett " to quote HP). The RS-1 simply plays. back what it is fed, If it's a horror, like the Cas Szell Brahms Symphonies, it sounds tive a horror, but if it's any of the great Reiners, you have the naturalness of the real hing. Thus, the RS-1 is not, in my opinion.

the way real music does. At this point I think it important to state eco again, that we believe the problem is not with HP's ears. We feel certain our difterences are because of the unique interface of the BS-1 with listening room one. We also think that when he hears these speakers in a proper environment, the RS-1 end and a tube power amplifier is used to will take its place as second only, at this

you prize above all others, I salute your levels by a good amp such as the Haffer choice. After all, no one speaker has all the " He also named a half-dozen keys to the absolute sound. The irony of all our differences with HP is molicit in the first sentence of PHD's summary (a summary with which I fully concur): 'If you are interested in a speaker system that will interface with nearly every listening room and one that will give you outstanding requency response linearity, coupled with uperh dynamic range, dynamic contrast

-Sidney Marks

Two rather significant changes have been hade to this loudspeaker system (one by ours truly and one by Infinity) since my eport on the system in our last issue. The Infinity modification is especially noteworthy for two reasons. First of all, something has happened to Infinity's technical services department. The instructions for installing this modification were the best I have ever seen from any manufacturer. They are well thought out, clear, easy to read, and even come with a colored schematic showing the placement of parts and wires for those who can't or won't read

What Infinity did here was to take a rather complex crossover modification and simplify it to the point that any one handy with a screw driver and a soldering iron could install it in fifteen minutes. Infinity has replaced all of the midrance and bigh frequency non-polarized capacitors in the crossover. What this does is open up and purify the midrance adding a degree of inner detail and intimacy to the midrance of this system that has rarely been heard from any other loudspeaker system. The top end of the RS-1. is also more extended and onen (with nossibly a dB or two more energy at the extreme ton). In making this minor crossover change Infinity has removed a veil (or two) from the midrangeltweeter system along with a slight trace of grunge that even yours truly never realized was there. The modification is definitely worth the time and effort it takes to install it.

In our last issue, HP's commentary on the RS-1 certainly left most of us feeling that HP must be of at least two and possibly three minds about this speaker system. Most of us who have listened at length to the RS-1 do. not agree that there is anything cold about it However we do understand why HP could have reached that conclusion since the music room he used for testing has a tendency towards those characteristics. [HP: PHD. too, has never done any serious listening in Room #1- It is not cold.

The second modification that I have made to this speaker system has been the addition of a second pair of Infinity wooter towers. My suspicions about the bottom end of this speaker system have been confirmed. This system does provide an exceptional degree of definition, but since it has roughly one third the radiating area of the woofers found in the IRS, it is incapable of moving those large amounts of air in my listening room. Thus, the lack of bloom When I finally figured out how to correctly interconnect two pair of wooder towers all of the concerns that I had with the bottom end disappeared. While it is true that the mid range/mid bass coupling is still not perfect.

it is so close that one on longer focuses at-

tention in this critical area. With four woofer

towers guint basis drums sound just that way. Tuge wave fronts of low and mid basis energy now move through the listanting seems of the seems of the

In case you are interested in the electrical hookup of the additional woofer system. I will describe it, but I warn you, it is a rather costly addition. Since the RS-1 woofer towers are constantly monitored by a special servolike feedback system within the crossover network, one cannot just hook an additional woofer tower in series or parallel without creating a substantial mismatch between the crossover and the woofer itself, but yours truly theorized that since all crossover monitoring systems, and woofer towers dynamic characteristics were exactly the same that one crossover could feed two identical amps, each driving two woofer towers with complete compatibility. (The trick was to install another identical nower amplifier to drive the second set of woofers. This power amp derives its input signal from a parallel connection to the power amp driving the first set of woofers.) As a result you have one crossover which is monitoring the perfor-mance of one woofer tower, but driving two

identical amplifiers into independent but

identical wooler towers. The result is the same superb definition and low coloration with three times the bloom and bottom endowing the same superb definition and low coloration energy, and no wooler cone breakup or bottoming. It was necessary to readjust the wooler to mid range crossover control to assure that the same low coloration assure that the same low coloration assure that the same low coloration frequency or of point works best with the wooder volume reduced by four dB (relative to a sincle wooler system).

Bottom line, I have heard only one other speaker system that outperforms the Infinity RS-1, its big brother the IRS.

HP Responds

None of the aforementioned gentlemen have ever done any serious intering in Room 1, I nave. Room 1 is capable of australinity ever drep base. Maybe it? It has dod dimensions, the 9 inch plaster walls, and the basement undermeth, it is a too very analytic and estimately revealing alone II masks vintually nothing. I consider it neutral, probably innovtrans than visit.

However, students of the gente will discover from Marke's account and the previously published account of PHO's littlement by in what gentlement like in it are environment light in what gentlement and performance in the properties of the properties most appromissely celled plust. Meaning an of catalive to them auditers environment, one that injects less "semanality" on the final sociol result.

Yes, I have heard the RS-1s sounding anything by cool and I've heard the bass and reproduced well, but not with the authority of the IRS (my standard). PHD's solution—four wooler towers—hardity invalidates my comments.