G2-1-1

Constrainly you find incranatible noise elecants in a home senetimes dubbed the "Mist Brisings" of Lake mindly because they seemed like the sunjercelle and pen of the Fredirist densel, However, if you do not went to share your certails secured that your makes, then this initial is lar you do not went to share your certails secured that your first is crutably because to governe radio interference by big as life radio turns coming from the lamp itself.

The tweeter generated by a very timy are which occurs when electrical elecution to the coming from the lamp itself. The tweeter generated by a very timy are which occurs when electrical elecution that share the proceeding from the lamp itself is suffered by the proceeding of the control of the second noise is the steady buse heard when the lamp is in operation. The buse receives your radio and hid gear in one of three suggest of the can be radiated by the a.e. line supplying the lamp, (1) It can be radiated by the a.e. line supplying the lamp, (2) It can be radiated by the a.e. line supplying the lamp, (3) It can be concurred along the a.e. line to your equippent power plug. Rediction over 15 feet is very unusual and doesn't concern un here, except when a very weak seation is trying to be heard. Eventually though, the innoving bure can overcense ambodiese patterns.

The first step in this removal of the noise is to determine where it is coming from flat can be accomplished by turning off clit the lamp in the house and then crystally turning on the individual lamps.

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The tributed of the plan of the radio of portible and if this doesn't help, try witching the possible believer, one extense plan of the radio in possible and if this doesn't help, try witching the possible level of possible and if this doesn't help, try witching the plan of rottes it 1600 or su

if you determine that the noise is of the radicted type than we can approach this problem or follows:

(1) Shorten the a.c. cord minimizing the antenna action of thee cord.

(2) Like sure any netal tudes are installed properly.

(3) Try on outside internal if one inth used already.

(4) Ground each place of hi-fi ge r to a heavy duty ustar ige, but make sure that they are only connected together at the rater pipe itself.

If, after attential, to quiet all the noise by the above methods, the noise still persists, there is still one other possible remedy.

Authority the noise is being conducted along the a.c. line and this type of noise might be slimited by the following:

(1) Flug the affected squigment into superrate a.c outlets which would take edvantage of the minimizing effect of the linger a.c., path.

(2) Check for open line filter capacitors in the radic or aphlifier. To aveid the possibility of a sheet, when replacing the expector, keep it at about 0.02 unc. 3600 wells.

The lamp itself might present loose contacts which would also cause noise. A check for grounding. Hake sure the lamp is grounded, Don't confuce, however, the suible humning with the r.f. interference. These are two different enhals.

I would like to offer my bit to some who are "weeping" and gnashing their teeth over interference of the man-made nature. I do not pretend to know all the answers. To flick Hall-ratch and others with seving machine interference and scall fractional R.P. motor caused relation, I will say that the checp \$1 and \$2 condensor type suppressors will not be adequate. The effective type contains industors and is rather costly and not stocked by many radio and TV distributors for that reason. I locked in five national catalogues and all had the ineffective kind except one corpany. Will suggest Cormell-Dubliser "Quietone" type IP-13 or IF-19 and Hallory 23 which are plug-in types. This device must be used at the motor. They cost not around \$5. They may need grounding to the machine and in severe cases earth ground helps. I have found that one must use sace tact in telling the person who has the moise producing device. It's like telling a man about his barking doj, same people are easily offended, so go easy as you need their co-operation. I vould loan the device. Same cities have an ordinance on electrical interference and it would pay

to find out. Some can force the non-co-operating person to allow it to be suppressed and the bill charged to then with their taxes. TV interference requires work on the set, in most cases. A line filter can help some but in severe cases the chassis rainates directly. Sets with steel case may need aluminum foil on immide of back with holes punched in it for ventilation, bost sets may line by-pass capacitors where the chearing punched in it for ventilation, bost sets are and causes the set to radiate. Underwriter labs specifies they be 600 voir ruing ct least and non-owning type. Creamic disc type Will be very satisfactory. The capacity is 01 in most sets. In was not with power transformer where one side of AC line has a resistor to ground and the other side condensor to ground the erndensor capacity value is critical or set will reduce side condensor to ground the erndensor capacity value is critical or set will reduce cablety sets of 1950 EV sets and experimentation with a couple of different capacity value can cut radiation. The CS sets were rade with wrong value. Since adhers sets will need foil inside of cabinet with Luck foil all grounded to canacity as very and the set of 1950 EV sets and experimentation with a couple of different capacity value in the set of 1950 EV sets and experimentation with adequate insulation as storts as very last set will need for sets with glass tube. The york leads can be skieleded but shielding needs to be kept away from them about a half inch with adequate insulation as storts. I have helped utility companies with this problem and usually they are not so hard to stop if the spot and be found where it originates. Larry Schwarts of Stn Diego: I have helped utility companies with this problem and usually they are not so hard to stop if the spot and be found where it originates. Larry Schwarts of Stn Diego: III. We are both larry and chemists, although after getting a degree I didn't folior it up but toch further schooling in electronics. I as suprised your noise has not been elim

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